

Request ID: 77			
Project Name:	Replace Fuel Cell/Corrosion Control Hangar	Request Nature:	Community Project Funding
Member Name:	Blunt Rochester, Lisa(D-DE)	Member's Request: (in thousands, \$000)	\$17,500
Justification:	<p>The current facility has significant safety and performance deficiencies. The fuel cell/corrosion control function is being performed in a 1962-vintage facility which is 25 percent undersized and antiquated. The facility has limited shop area. It is poorly insulated and has single-pane windows and uninsulated walls and doors. The fire protection system is inadequate; the facility has other health and safety deficiencies including a risk assessment code 2. The facility does not fully enclose a C-130 aircraft, the tail must be left outside the hangar bay. This limits fuel cell/corrosion control work to low wind periods since the aircraft cannot be jacked with tail out in the wind without jeopardizing safety of maintenance crews inside. The doors do not work properly and parts are no longer available to perform needed repairs. The facility does not meet force protection measures, and cannot be expanded since it will interfere with the aircraft parking apron clearance.</p>		
Project Purpose:	<p>Construct a single-bay high-bay combined fuel systems and corrosion control hangar utilizing conventional design and construction methods to accommodate the mission of the facility. Facility will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria (UFC) 1-200-01, General Building Requirements and UFC 1-200-02, High Performance and Sustainable Building Requirements. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria.</p>		
Project City or County:	New Castle	Project State:	DE
Recipient Name:	Delaware National Guard	Recipient Mailing Address:	1 Vavala Way, New Castle, DE 19720

CONGRESSWOMAN LISA BLUNT ROCHESTER

DELAWARE AT-LARGE

WASHINGTON OFFICE  
1724 LONGWORTH HOB  
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WILMINGTON OFFICE  
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GEORGETOWN OFFICE  
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Congress of the United States  
House of Representatives  
Washington, DC 20515

ASSISTANT WHIP

COMMITTEE ON ENERGY AND COMMERCE

SUBCOMMITTEE ON ENVIRONMENT & CLIMATE CHANGE

SUBCOMMITTEE ON HEALTH

SUBCOMMITTEE ON ENERGY

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, DC 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, DC 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding in Fiscal Year 2022 for the construction of a new fuel cell and corrosion control hangar for necessary maintenance to the C-130 aircraft of the 166<sup>th</sup> Airlift Wing. The entity to receive funding for this project is Delaware National Guard located at 1 Vavala Way, New Castle, DE 19720.

The funding would be used for the replacement of a critical maintenance hangar needed by the Delaware Air National Guard's 166<sup>th</sup> Airlift Wing to effectively accomplish their domestic and foreign missions on behalf of Delaware and the nation. The new hangar would replace a nearly 60-year-old hangar that not only makes work on critical maintenance less efficient but poses serious safety hazards for the service members and the aircraft.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

LISA BLUNT ROCHESTER  
Member of Congress

**Request ID: 121**

Project Name:	Augmenting Quantum Sensing Research, Education and Training in DoD CoE at DSU	Request Nature:	Community Project Funding
Member Name:	Blunt Rochester, Lisa(D-DE)	Member's Request: (in thousands, \$000)	\$1,111
Justification:	According to Dr. Fredrik Fatemi, Branch Chief, Quantum Science and Technology, Army Research Laboratory, the proposed research expansion at the CoE is of military relevance and would complement the work conducted at the Army Research Laboratory. Dr. Fatemi further notes that the proposed expansion of researchers would help address workforce and STEM-related challenges in quantum imaging sciences (QIS). Finally, the project would provide additional support to an HBCU and a CoE created through the OSD's Historically Black Colleges and Universities/Minority-Serving Institutions (HBCU/MI) Science Program.		
Project Purpose:	The project would expand the cutting-edge quantum sensing research at the DoD's Center for Excellence for Advanced Quantum Sensing located at Delaware State University, an HBCU. The project would create three new research programs at the CoE of active interest to the Army and the Army Research Laboratory, including quantum imaging of millimeter waves, optical clock development, and quantum gyroscope development. To facilitate these new research programs, the project would fund an additional 2 postdoctoral researchers, 4 graduate students, and 5 undergraduate students. This expansion would also ensure the emerging industrial base surrounding quantum sensing technology has the skilled workforce needed to maintain our nation's competitive edge.		
Project City or County:	Dover	Project State:	DE
Recipient Name:	Delaware State University	Recipient Mailing Address:	1200 N. DuPont Highway, Dover, DE 19901

CONGRESSWOMAN LISA BLUNT ROCHESTER

DELAWARE AT-LARGE

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Washington, DC 20515

ASSISTANT WHIP

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June 15, 2021

The Honorable Adam Smith  
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Committee on Armed Services  
U.S. House of Representatives  
Washington, DC 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, DC 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding in Fiscal Year 2022 for the expansion of quantum sensing research programs at Delaware State University's Center of Excellence for Advanced Quantum Sensing (CoE-AQS). The entity to receive funding for this project is Delaware State University located at 1200 N. DuPont Highway, Dover, DE 19901.

The funding would be used to create three new research programs at the CoE-AQS related to quantum imaging of millimeter waves, optical clock development, and quantum gyroscope development. The funding would also provide an additional 2 postdoctoral researchers, 4 graduate students, and 5 undergraduate students. The additional funding for researchers will improve workforce development and STEM education, which are both known challenges in the quantum imaging sciences. Finally, this would enhance current Department initiatives to expand research and development at Historically Black Colleges and Universities (HBCU) and Minority-Serving Institutions (MI), like Delaware State University, through the HBCU/MI Science Program.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

LISA BLUNT ROCHESTER  
Member of Congress



**Request ID: 86**

Project Name:	Fire Crash Rescue Station	Request Nature:	Community Project Funding
Member Name:	Brown, Anthony G.(D-MD)	Member's Request: (in thousands, \$000)	\$26,000
Justification:	An adequately sized and configured fire crash rescue station is required to support current and future flying missions at Joint Base Andrews. Without a new Crash Rescue Station, fire fighters and response crew will continue working out of severely undersized and substandard existing facility. Tight spacing hinders safe operations for the fire fighters and response crew and put no-fail high visibility missions on risk and increases the risk of injuries to the fire fighters and airmen.		
Project Purpose:	Construct a Crash Rescue Station. The Facility shall have space for a total of 14 Aircraft Rescue Fire Fighting apparatus, bunk rooms, training areas, gym, conference, rooms, administration and management offices.		
Project City or County:	JB Andrews	Project State:	MD
Recipient Name:	JB Andrews	Recipient Mailing Address:	11 FSS/FSFR 1191 Menoher Drive JB Andrews, MD, United States 20762

ANTHONY G. BROWN  
4TH DISTRICT, MARYLAND

**U.S. House of Representatives**

HOUSE ARMED SERVICES COMMITTEE  
HOUSE COMMITTEE ON  
TRANSPORTATION AND INFRASTRUCTURE  
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June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the Fire Crash Rescue Station in fiscal year 2022. The entity to receive funding for this project is the Department of Air Force, located at Joint Base Andrews, Maryland.

The funding would be used for constructing a Crash Rescue Station utilizing economical design and construction methods according to Joint Base Andrews' Architectural Compatibility to accommodate the facility's mission.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,



Anthony G. Brown  
Member of Congress

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**Request ID: 69**

Project Name:	Digital Twins for Navy Maintenance	Request Nature:	Community Project Funding
Member Name:	Brown, Anthony G.(D-MD)	Member's Request: (in thousands, \$000)	\$1,985
Justification:	<p>There is an increasing reliance on modelling, simulation, and the use of digital twins and digital engineering to address the maintenance and the readiness of our ships and submarines. The Navy fleet of ships and submarines traverse the world in harsh environments and varying climates. Because the readiness of the Navy ships and submarines is negatively impacted by its operational use, maintenance is critical. Traditionally, ship inspections have been conducted manually, which often means the vessels must be in port. With a digital twin, however, sensor data collected by drones can be distributed to colleagues on shore (or vice versa) for inspection. Alternatively, the Navy can make sure that when the ship comes to port, the right people and tools are on hand to fix what's broken. Scans from drones or onboard photogrammetry can be used to create time-based, geotagged, metadata-dense models of vessels, which are far more actionable datasets for maintenance engineers. Having this digital twin results in lower maintenance costs and human error because experts onboard and on shore can view the same reliable data and make decisions before degradation hits the point of failure. Ultimately, this could save taxpayer dollars while ensuring the most optimal use of the Navy fleet.</p>		
Project Purpose:	<p>The purpose of this project is to research the use of digital twins and digital engineering to address the maintenance and the readiness of our ships and submarines. The research project would expand existing computation capabilities in digital twins, modelling, and simulation, expand undergraduate and graduate research opportunities in digital twins and engineering for workforce development, and promote curriculum and develop programs that immerse digital twins and engineering into Morgan State's program.</p>		
Project City or County:	Baltimore	Project State:	MD
Recipient Name:	Morgan State University	Recipient Mailing Address:	1700 E Cold Spring Lane Baltimore, MD 21251

ANTHONY G. BROWN  
4TH DISTRICT, MARYLAND

**U.S. House of Representatives**

HOUSE ARMED SERVICES COMMITTEE  
HOUSE COMMITTEE ON  
TRANSPORTATION AND INFRASTRUCTURE  
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June 15, 2021

The Honorable Adam Smith  
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Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the Digital Twins for Navy Maintenance in fiscal year 2022. The entity to receive funding for this project is Morgan State University, located at 1700 E Cold Spring Ln, Baltimore, Maryland 21251.

The funding would be used for Morgan State University to research the use of digital twins and digital engineering to address Navy ships and submarines maintenance and readiness. The funds will be used to expand existing computation capabilities in digital twins, modeling, and simulation, to expand research opportunities, and to develop curriculum and programs that immerse digital twins and engineering into Morgan State's program.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,



Anthony G. Brown  
Member of Congress

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**Request ID: 81**

Project Name:	Advanced Prototype Facility, Phase 3	Request Nature:	Community Project Funding
Member Name:	Brown, Anthony G.(D-MD)	Member's Request: (in thousands, \$000)	\$44,700
Justification:	The current infrastructure at NAS Patuxent River is insufficient to meet the Navy, and other service demand, for the testing facilities in these buildings. Moreover, special SCIF space is needed for this type of testing so additional facilities are needed to accommodate the classified nature of these programs. The third phase would be critical for allowing use of composite work on aircraft. Phase 1 funding was \$18M in 2007 and Phase 2 funding was \$42M in 2011. Funding for this project is including in the FYDP. Intent is to bring the funding for this requirement forward to FY22. The military construction project will provide important infrastructure jobs to Maryland and the entire state as well as enhance the military value of Pax River.		
Project Purpose:	Funding would support the third and final phase of construction of facility to enable aircraft preparation and technology support to permit full-scale fabrication of advanced structures. Project directly supports Navy's emphasis on rapid prototyping consistent with the Navy's Maritime Advanced Capabilities Office (MACO), to capture innovation and speed solutions to the warfighters.		
Project City or County:	Patuxent River	Project State:	MD
Recipient Name:	Naval Air Station Patuxent River	Recipient Mailing Address:	47123 Buse Rd #540 Patuxent River, MD 20670

ANTHONY G. BROWN  
4TH DISTRICT, MARYLAND

**U.S. House of Representatives**

HOUSE ARMED SERVICES COMMITTEE  
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June 15, 2021

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U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the Aircraft Prototyping Facility (Phase III) in fiscal year 2022. The entity to receive funding for this project is the Department of Navy, located at Naval Air Station Patuxent River, Maryland.

The funding would be used for constructing the third of three phases of secure rapid prototyping facilities that will enable full-scale application of shapes and coating needed to rapidly advance the technologies being developed to sustain the survivability of our warfighters and their weapon systems.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,



Anthony G. Brown  
Member of Congress

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**Request ID: 94**

Project Name:	Contained Burn Facility	Request Nature:	Community Project Funding
Member Name:	Brown, Anthony G.(D-MD)	Member's Request: (in thousands, \$000)	\$14,980
Justification:	<p>A Contained Burn Facility with new technology is required for NSWC IHEODTD to properly treat explosive hazardous waste at NSF-IH under stricter environmental regulations. Explosive hazardous wastes are generated by operations in support of NSWC IHEODTD's mission, including research, development, testing, evaluation, manufacturing and in service support of energetics and energetic systems. Disposing of this waste in a safe and effective manner has been a key mission since the manufacturing of smokeless powder began in the early 1900s and will continue to increase in importance for manufacturing of modern explosives and propellant formulations in the future.</p> <p>Destruction of explosives via burning is ideal and generally accepted for a wide range of explosives from black powder and smokeless powder to bulk high explosives, primers, pyrotechnics, nitrocellulose and rocket motor propellant grains, as well as some chemical agents and munitions. The Contained Burn Facility will replace existing open burning practices with an environmentally acceptable method of treating explosive hazardous waste that meets existing and anticipated emission regulations while minimally impacting activity operations.</p>		
Project Purpose:	The purpose of this project is to construct a Contained Burn Facility, including one equipment pad, one control building and one supporting facility, at Naval Support Facility, Indian Head (NSF-IH) to support Naval Surface Warfare Center Indian Head Explosive Ordnance Disposal Technology Division (NSWC IHEODTD).		
Project City or County:	Indian Head	Project State:	MD
Recipient Name:	Naval Surface Warfare Center, Indian Head	Recipient Mailing Address:	3767 Strauss Ave Indian Head, MD 20640

ANTHONY G. BROWN  
4TH DISTRICT, MARYLAND

**U.S. House of Representatives**

HOUSE ARMED SERVICES COMMITTEE  
HOUSE COMMITTEE ON  
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June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for a Contained Burn Facility in fiscal year 2022. The entity to receive funding for this project is the Department of Navy, located at Naval Support Facility Indian Head, Maryland.

The funding would be used for constructing a Contained Burn Facility, including one equipment pad, one control building, and one supporting facility, at Naval Support Facility, Indian Head (NSF-IH) to support Naval Surface Warfare Center Indian Head Explosive Ordnance Disposal Technology Division.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,



Anthony g. Brown  
Member of Congress

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**Request ID: 105**

Project Name:	Military Working Dog Kennel	Request Nature:	Community Project Funding
Member Name:	Brown, Anthony G.(D-MD)	Member's Request: (in thousands, \$000)	\$7,800
Justification:	If not completed, MWDs and kennel staff will continue to work in substandard facilities with unsatisfactory housing for the 33 permanently assigned military working dogs as well as the frequent transient MWDs and handlers. Cracks in the dog runs create life, health and safety hazards for MDWs which may affect MWDs availability. Additionally, long-term hearing damage to MWDs could occur due to airfield proximity, endangering MWD's mission effectiveness.		
Project Purpose:	Construct Military Working Dog (MWD) Kennel utilizing economical design and construction methods in accordance with Joint Base Andrews' (JBA) Architectural Compatibility Plan to accommodate the mission of the facility. Local materials and construction techniques shall be used where cost effective. Includes kennels for MWD housing, administrative offices, conference rooms, transient rooms for handlers required to stay overnight, kitchen/break room, latrines/showers with a locker area, utility space, fire detection and suppression, energy management control systems, communications networks (computer/phone VOIP), intrusion detection, surveillance, electronic access control, utilities (electrical, water, sanitary sewer), storm water management, security perimeter fence, lighting, parking (staff, visitors, three MWD trailers, five patrol cars, support vehicles), access roads, outdoor fenced areas (one large area for exercising MWDs and two small areas as holding spaces), overhang to protect MWD transport trailers and patrol cars, landscaping, and other required site improvements.		
Project City or County:	Joint Base Andrews	Project State:	MD
Recipient Name:	JB Andrews - Naval Air Facility	Recipient Mailing Address:	1057 W Perimeter Rd, Joint Base Andrews, MD 20762

ANTHONY G. BROWN  
4TH DISTRICT, MARYLAND

**U.S. House of Representatives**

HOUSE ARMED SERVICES COMMITTEE  
HOUSE COMMITTEE ON  
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June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515


Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Cost to Complete Wedge for the Joint Base Andrews Military Working Dog Kennel in fiscal year 2022. The entity to receive funding for this project is the Department of Air Force, located at Joint Base Andrews, Maryland.

The funding would be used for Joint Base Andrews Military Working Dog Kennel.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

  
Anthony G. Brown  
Member of Congress

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**Request ID: 112**

Project Name:	Medical Waste Incinerator Building	Request Nature:	Community Project Funding
Member Name:	Brown, Anthony G.(D-MD)	Member's Request: (in thousands, \$000)	\$23,981
Justification:	The project will enable waste from Fort Detrick to be disposed on the base's grounds. This will prevent unnecessary transportation of this waste material across the state of Maryland off the installation.		
Project Purpose:	The Project is the construction of a laboratory, medical, infectious waste incinerator building which will house new state-of-the-art medical waste incinerators to dispose of all laboratory, medical and infectious waste generated on Ft Detrick, Maryland including BSL3/BSL4 waste. The new building and the incinerators will meet all National and state Clean Air Act Standards. The new incinerators must be capable of meeting all Federal and state Clean Air Act requirements for laboratory, medical and infectious waste incineration. The project includes building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring Control Systems (EMCS) connection.		
Project City or County:	Frederick	Project State:	MD
Recipient Name:	Fort Detrick	Recipient Mailing Address:	Army Programs Division, Personnel Branch, Pentagon 1E3852

ANTHONY G. BROWN  
4TH DISTRICT, MARYLAND

**U.S. House of Representatives**

HOUSE ARMED SERVICES COMMITTEE  
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June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the Medical Waste Incinerator Building in fiscal year 2022. The entity to receive funding for this project is the Department of Army, located at Fort Detrick, Maryland.

The funding would be used for constructing a laboratory, medical, infectious waste incinerator building to house the new state-of-the-art medical waste incinerators at Fort Detrick. This project is required to dispose of approximately 1 million pounds of laboratory, medical and infectious waste generated on Ft Detrick including BSL3/BSL4 waste. This will eliminate the requirement for transportation of BSL3/4 laboratory medical waste on public highways.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,



Anthony G. Brown  
Member of Congress

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Request ID: 96			
Project Name:	DCFT 059018 – Construct Base Civil Engineer Complex Abraham Lincoln Capital Airport (ANG), Springfield, Illinois	Request Nature:	Community Project Funding
Member Name:	Bustos, Cheri(D-IL)	Member's Request: (in thousands, \$000)	\$10,200
Justification:	<p>The 183d Wing's Base Civil Engineer (BCE) functions are housed in seven separate buildings on three sites at opposite ends of the base.</p> <p>The unit is forced to conduct "split drills" 20% of the year due to lack of space.</p> <p>Three BCE buildings (2, 3, and 47) do not meet Anti-Terrorism and Force Protection requirements.</p> <p>Two of the facilities are over 50 years old, designed to house other military functions, and are not suited for the BCE's mission. Lack of an integrated BCE complex generates span of control challenges, a loss of mission synergy and man-hours.</p> <p>All seven facilities have high operating and maintenance costs and are energy inefficient.</p> <p>Their mechanical systems are approaching the end of their useful life cycle and two of the buildings have compromised building envelopes resulting in poor occupant comfort.</p>		
Project Purpose:	<p>A 24,300 SF facility that consolidates seven poorly configured and deteriorating facilities into one BCE complex to support combat engineer training and the sustainment, maintenance, modernization and operations of the installation and it's two primary CRF and Air Operations Group Missions.</p> <p>The 183 Wing has completed the design of the BCE Complex and has 100% construction documents that are ready for bidding. The 183 Civil Engineer Squadron and 183 Contracting Office are ready and willing to execute this construction contract when able to award.</p>		
Project City or County:	Springfield	Project State:	IL
Recipient Name:	Illinois National Guard	Recipient Mailing Address:	1301 N MacArthur Blvd Springfield, IL 62702

CHERI BUSTOS  
17TH DISTRICT, ILLINOIS

COMMITTEE ON AGRICULTURE

CHAIR, SUBCOMMITTEE ON  
GENERAL FARM COMMODITIES  
AND RISK MANAGEMENT  
SUBCOMMITTEE ON COMMODITY EXCHANGES,  
ENERGY AND CREDIT

CO-CHAIR, DEMOCRATIC STEERING AND  
POLICY COMMITTEE

COMMITTEE ON APPROPRIATIONS

SUBCOMMITTEE ON DEFENSE  
SUBCOMMITTEE ON ENERGY AND  
WATER DEVELOPMENT AND RELATED AGENCIES  
SUBCOMMITTEE ON LABOR, HEALTH AND  
HUMAN SERVICES, EDUCATION  
AND RELATED AGENCIES

Congress of the United States  
House of Representatives  
Washington, DC 20515-1317

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Construction of a Base Civil Engineer Complex at the Abraham Lincoln Capital Airport in Springfield Illinois for the Air National Guard in fiscal year 2022. The entity to receive funding for this project is the Illinois National Guard, located at 1301 N. MacArthur Boulevard, Springfield, Illinois 62702.

The funding would be used for construction of a 24,300 SF facility that consolidates seven poorly configured and deteriorating facilities into one BCE complex to support combat engineer training and the sustainment, maintenance, modernization and operations of the installation and it's two primary CRF and Air Operations Group Missions.

The 183d Wing's Base Civil Engineer (BCE) functions are housed in seven separate buildings on three sites at opposite ends of the base. The unit is forced to conduct "split drills" 20% of the year due to lack of space. Three BCE buildings (2, 3, and 47) do not meet Anti-Terrorism and Force Protection requirements. Two of the facilities are over 50 years old, designed to house other military functions, and are not suited for the BCE's mission. Lack of an integrated BCE complex generates span of control challenges, a loss of mission synergy and man-hours. All seven facilities have high operating and maintenance costs and are energy inefficient. Their mechanical systems are approaching the end of their useful life cycle and two of the buildings have compromised building envelopes resulting in poor occupant comfort.

The 183 Wing has completed the design of the BCE Complex and has 100% construction documents that are ready for bidding. The 183 Civil Engineer Squadron and 183 Contracting Office are ready and willing to execute this construction contract when able to award.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

*Cheri Bustos*

Cheri Bustos  
Member of Congress

WASHINGTON DC OFFICE  
1233 LONGWORTH HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515

ROCK ISLAND OFFICE  
2401 4TH AVE.  
ROCK ISLAND, IL 61201

PEORIA OFFICE  
820 SW ADAMS STREET  
PEORIA, IL 61602

ROCKFORD OFFICE  
119 N. CHURCH ST., SUITE 101  
ROCKFORD, IL 61101



**Request ID: 99**

Project Name:	High-efficiency Truck Users Forum (HTUF)	Request Nature:	Community Project Funding
Member Name:	Chu, Judy(D-CA)	Member's Request: (in thousands, \$000)	\$2,500
Justification:	HTUF leverages commercial vehicle expertise on medium and heavy-duty vehicles to help the Army develop the Next Generation Combat Vehicle and then produce it to scale. Through this direct "ground floor" interaction between the commercial sector and the Army, HTUF short-circuits the RDT&E process timeline so that more vehicles and vehicle technologies can be produced more efficiently and effectively.		
Project Purpose:	The HTUF program provides technical expertise on medium and heavy-duty vehicles to the Army's Ground Vehicle Systems Center (GVSC) to develop the Next Generation Combat Vehicle.		
Project City or County:	Pasadena	Project State:	CA
Recipient Name:	CALSTART	Recipient Mailing Address:	48 S Chester Ave Pasadena, CA 91106

**JUDY CHU, Ph.D.**  
27TH DISTRICT, CALIFORNIA

**WASHINGTON OFFICE:**  
2423 Rayburn House Office Building  
Washington, DC 20515  
(202) 225-5464  
(202) 225-5467 (Fax)

**PASADENA DISTRICT OFFICE:**  
527 South Lake Avenue, Suite 250  
Pasadena, CA 91101  
(626) 304-0110  
(626) 304-0132 (Fax)



**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515**

**COMMITTEE ON  
WAYS AND MEANS**  
SUBCOMMITTEE ON HEALTH  
SUBCOMMITTEE ON  
WORKER AND FAMILY SUPPORT  
SUBCOMMITTEE ON OVERSIGHT

**COMMITTEE ON  
SMALL BUSINESS**  
SUBCOMMITTEE ON  
OVERSIGHT, INVESTIGATIONS, AND REGULATION  
SUBCOMMITTEE ON  
ECONOMIC GROWTH, TAX, AND CAPITAL ACCESS

**COMMITTEE ON  
THE BUDGET**

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the High-efficiency Truck Users Forum (HTUF) in fiscal year 2022. The entity to receive funding for this project is CALSTART, located at 48 S Chester Ave Pasadena, CA 91106.

The funding would be used for providing technical expertise on medium and heavy-duty vehicles to the Army's Ground Vehicle Systems Center (GVSC) to develop the Next Generation Combat Vehicle.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Judy Chu  
Member of Congress

**Request ID: 64**

Project Name:	Multiple Drone, Multiple Sensor ISR Capabilities	Request Nature:	Community Project Funding
Member Name:	Cohen, Steve(D-TN)	Member's Request: (in thousands, \$000)	\$5,000
Justification:	<p>The University of Memphis has significant expertise in both drone technology, sensors, and advanced networking/communications. This places UofM in a unique position to lead the development of sensor integration on drones for battlefield situational awareness. UofM will work with the University of Arizona, the University of Central Florida, and IMEC USA to develop a multi-drone, multi sensor collaborative capabilities. UofM has also established a sensor/drone integration center, research capability, test and evaluation facility, and will train graduate students for this important growth workforce. It is highly likely that spin-off companies will be established from this effort that can support both defense applications and technologies for use in agriculture, security, energy and construction. In the development of this research center capability, the University of Memphis leads a highly technical team to support Army wide area search operations with multi-drone execution as well as decoy and surrogate detection using additional drone sensor technology developed under this program. The University of Memphis is becoming the primary research center for the study of multi-drone and multi-sensor warfare capabilities and technology development (sensors, deployment concepts, integration, and testing).</p> <p>Community support documentation has been provided by City of Memphis Mayor Jim Strickland, Tennessee District 89 Representative Mark White, and Agricenter International President John Butler. The proposal, if funded, supports the creation of high paying jobs in the Memphis area, advances research with high potential for commercialization, and sustains the regional economy through cutting edge innovation development.</p>		
Project Purpose:	<p>A program increase of \$5M for the continued development of "Multiple Drone, Multiple Sensor ISR Capabilities." The use of multiple drones with large area coverage electro-optical and infrared sensors for initial target detection coupled with multiple drones with interrogation sensors (acoustic, magnetic, electric field, vibrometry, seismic, etc) can provide the Army with organic battlefield situational awareness. The interrogation sensors can discriminate decoys from real targets and as well as detect real targets under camouflage. ISR is intelligence, surveillance, and reconnaissance that lead to effective targeting. This program builds on an FY21 initial investment and advances the technology further toward field deployment. In that particular investment, sensors on drones included infrared, visible, acoustic, and magnetic. This request extends the sensors to polarization, hyperspectral, and vibrometry.</p>		
Project City or County:	Memphis	Project State:	TN
Recipient Name:	University of Memphis	Recipient Mailing Address:	The University of Memphis 315 Administration Building Memphis, Tennessee 38152

**STEVE COHEN**  
9TH DISTRICT, TENNESSEE  
2104 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515

TELEPHONE: (202) 225-3265  
FAX: (202) 225-5663

167 NORTH MAIN STREET  
SUITE 369  
MEMPHIS, TN 38103

TELEPHONE: (901) 544-4131  
FAX: (901) 544-4329

[WWW.COHEN.HOUSE.GOV](http://WWW.COHEN.HOUSE.GOV)

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515-4209**

**COMMITTEE ON THE JUDICIARY**

**SUBCOMMITTEES:**

CHAIR – CONSTITUTION, CIVIL RIGHTS AND  
CIVIL LIBERTIES  
COURTS, INTELLECTUAL PROPERTY, AND THE  
INTERNET  
CRIME, TERRORISM AND HOMELAND SECURITY

**COMMITTEE ON TRANSPORTATION  
AND INFRASTRUCTURE**

**SUBCOMMITTEES:**

AVIATION  
HIGHWAYS AND TRANSIT  
RAILROADS, PIPELINES AND HAZARDOUS  
MATERIALS  
WATER RESOURCES AND ENVIRONMENT

**NATURAL RESOURCES COMMITTEE**

**SUBCOMMITTEES:**

OVERSIGHT AND INVESTIGATIONS  
WATER, OCEANS, AND WILDLIFE

COMMISSION ON SECURITY AND COOPERATION  
IN EUROPE (U.S. HELSINKI COMMISSION)

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Multiple Drone, Multiple Sensor ISR Capabilities in fiscal year 2022. The entity to receive funding for this project is the University of Memphis Division of Research and Innovation, located at The University of Memphis, 315 Administration Building, Memphis, TN 38152.

The funding would be used to develop multiple drone, multiple sensor intelligence, surveillance, and reconnaissance capabilities including polarization, hyperspectral, and vibrometry, the use of which can provide the Army with organic battlefield situational awareness.

I certify that neither I nor my immediate family has any financial interest in this project.

As always, I remain,

Most Sincerely,

  
Steve Cohen  
Member of Congress



**Request ID: 92**

Project Name:	Human Performance Optimization (HPO) Center	Request Nature:	Community Project Funding
Member Name:	Cuellar, Henry(D-TX)	Member's Request: (in thousands, \$000)	\$2,000
Justification:	This project is a valuable use of taxpayer funds because it will build and sustain a strong military force to ensure national security.		
Project Purpose:	The HPO Center is focused on cognitive and physical research and learning to optimize human performance. It will provide unique opportunities to partner with other research and private entities to improve health, promote healthy aging, and overall, well being of servicemember within the Department of Defense and beyond.		
Project City or County:	San Antonio	Project State:	TX
Recipient Name:	University of Texas Health Science Center SA	Recipient Mailing Address:	7703 Floyd Curl Drive San Antonio, TX 78229-3900

COMMITTEE ON  
APPROPRIATIONS  
SUBCOMMITTEE  
DEFENSE  
HOMELAND SECURITY, VICE CHAIR  
AGRICULTURE, RURAL DEVELOPMENT,  
FOOD AND DRUG ADMINISTRATION,  
AND RELATED AGENCIES

**HENRY CUELLAR, PH.D.**  
U.S. HOUSE OF REPRESENTATIVES

WASHINGTON OFFICE  
2013 RAYBURN HENRY CLARK BUILDING  
WASHINGTON, DC 20515  
PHONE: (202) 225-1640  
FAX: (202) 225-6641  
hcuellar@hqs.gov  
DEMOCRATIC STEERING AND  
POLICY COMMITTEE  
CHIEF DEPUTY WHIP  
U.S.-MEXICO INTERPARLIAMENTARY  
GROUP CHAIRMAN

June 15, 2021

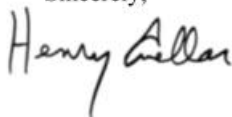
The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the Human Performance Optimization Center Project in fiscal year 2022. The entity to receive funding for this project is located at 7703 Floyd Curl, San Antonio, Texas, 78229-3900. The funding would be used for the Human Performance Optimization Center project. I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,



Henry Cuellar  
U.S. Congressman  
28th District of Texas

**Request ID: 110**

Project Name:	DCFT059018 – Construct Base Civil Engineer Complex	Request Nature:	Community Project Funding
Member Name:	Davis, Rodney(R-IL)	Member's Request: (in thousands, \$000)	\$10,200
Justification:	<p>Without properly sized facilities both operational and training functions are negatively impacted which reduces readiness and training and increases overall operational cost. The unit's operations capability is greatly reduced. Drill training time is only 75% efficient due to limited consolidated training opportunities. Training and maintenance capability is reduced because personnel do not have office space where they conduct training. Facility O&amp;M funds are wasted on man-hours needed to overcome the antiquated HVAC design systems. The base engineering function is scattered all over the base, creating less than desirable training environment, while limiting the intended use of other facilities by other functions, further degrading overall training and readiness. In addition, the Base Readiness and Emergency Management function is part of the facility maintenance complex and directly affects wing readiness and response to emergencies.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Space Standards" and is in compliance with the installation development plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. Sustainable principles, to include Life Cycle cost effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13693, 10 USC 2802(c) and other applicable laws and Executive Orders. This project is considered capitalization based on the following rule from ANGETL 17-06: New Construction. This project will permit BLDG #2 ( 1152 SM / 12,392 SF), BLDG #3 ( 316 SM / 3,405 SF), BLDG #28 ( 45 SM / 480 SF), BLDG #30 ( 56 SM / 602 SF), BLDG #44 ( 372 SM / 4,000 SF), BLDG #45 ( 145 SM / 1,560 SF), BLDG #47 ( 101 SM / 1080 SF) to be demolished.</p>		
Project Purpose:	<p>Base Civil Engineer Complex (Current Mission)</p> <p>REQUIREMENT: The 183d Wing requires a properly sized and configured facility to accommodate Base Civil Engineer (BCE) Maintenance Shop requirements for administrative offices, training classrooms, squadron commander and orderly room, structural/mechanical/ electrical/pavements-equipment/utilities shops, and mobility storage of Prime BEEF assets. This also includes the BCE Maintenance shed for covered unheated storage of materials, and BCE open storage for secure uncovered storage of materials. The 183d Fighter Wing supports a Centralized Repair Facility (CRF) for jet engine depot maintenance and Component Numbered Air Force (cNAF) missions.</p> <p>CURRENT SITUATION: The Base Civil Engineer functions are located in 7 separate facilities in multiple locations throughout the installation adversely affecting cohesive operations; three of which do not meet Anti-Terrorism Force Protection (AFTP) stand-off distances. The facilities vary in age from 15 to 60 years old all with partial renovations to the oldest buildings. The facilities were initially constructed to house other base activities therefore functional layout is totally inefficient with either too much space allocation or too little to accomplish the mission. There is no ground level access or overhead doors for trade craftsman to perform any maintenance activities on any electrical, HVAC, plumbing or facility components. Facility maintenance and operations materials cannot be delivered to the facility due to a lack of necessary material storage areas. Lack of an integrated complex generates span of control challenges and results in poor coordination and loss of man-hours. The Squadron conducts "split drills" 20% of the year due to lack of space. There is not sufficient space for classroom activities, training areas or sufficient space for the entire squadron to assemble in one area. Restrooms were designed for a male to female ratio of 95% male and 5% female. Today's ratio is closer to 70-30. There are several cases where multi maintenance and training staff are occupying rooms designed for one person. Equipment storage is limited and high value items are forced to be stored outdoors causing them to deteriorate at an accelerated rate.</p>		
Project City or County:	Springfield	Project State:	IL
Recipient Name:	183d Wing, Illinois Air National Guard	Recipient Mailing Address:	Camp Lincoln, 1301 N. MacArthur Blvd. Springfield, IL 62702-2399

RODNEY DAVIS  
13TH DISTRICT, ILLINOIS

www.rodneydavis.house.gov  
www.facebook.com/reprodneydavis  
www.twitter.com/rodneydavis

2079 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-2371

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515-1313**

COMMITTEE ON  
HOUSE ADMINISTRATION  
RANKING MEMBER

COMMITTEE ON TRANSPORTATION  
AND INFRASTRUCTURE  
SUBCOMMITTEE ON HIGHWAYS AND TRANSIT  
RANKING MEMBER  
SUBCOMMITTEE ON RAILROADS, PIPELINES, AND  
HAZARDOUS MATERIALS

COMMITTEE ON AGRICULTURE  
SUBCOMMITTEE ON BIOTECHNOLOGY,  
HORTICULTURE, AND RESEARCH  
SUBCOMMITTEE ON COMMODITY EXCHANGES,  
ENERGY, AND CREDIT

SELECT COMMITTEE ON THE  
MODERNIZATION OF CONGRESS

June 15<sup>th</sup>, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for DCFT059018 – Construct Base Civil Engineer Complex in fiscal year 2022. The entity to receive funding for this project is the 183d Wing, Illinois Air National Guard, located at Camp Lincoln, 1301 N. MacArthur Blvd., Springfield, IL 62702-2399.

The funding would be used to construct a new Base Civil Engineer (BCE) Complex for the 183d Wing of the Illinois Air National Guard. The 183d Wing requires a properly sized and configured facility to accommodate maintenance shop requirements for administrative offices, training classrooms, a squadron commander and orderly room, structural/mechanical/electrical/pavements-equipment/utilities shops, and mobility storage of Prime Base Engineer Emergency Force (BEEF) Squadron assets.

The 183d Wing supports a Centralized Repair Facility (CRF) for jet engine depot maintenance and Component Numbered Air Force (cNAF) missions. The Base Civil Engineer functions are currently located in 7 separate facilities in multiple locations throughout the installation adversely affecting cohesive operations.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,



Rodney Davis  
Member of Congress

2004 FOX DRIVE  
CHAMPAIGN, IL 61820  
(217) 403-4690

108 WEST MARKET  
TAYLORVILLE, IL 62568  
(217) 824-5117

1012 PLUMMER DRIVE  
EDWARDSVILLE, IL 62025  
(618) 205-8660

2833 SOUTH GRAND AVENUE EAST  
SPRINGFIELD, IL 62703  
(217) 791-6224

104 W NORTH STREET  
NORMAL, IL 61761  
(309) 252-8634

243 S WATER STREET, SUITE 100  
DECATUR, IL 62523  
(217) 791-6224

PRINTED ON RECYCLED PAPER

**Request ID: 116**

Project Name:	Persistent Maritime Surveillance	Request Nature:	Community Project Funding
Member Name:	Deutch, Theodore E.(D-FL)	Member's Request: (in thousands, \$000)	\$15,000
Justification:	<p>The U.S. has over 12,000 miles of coastline and over 88,000 miles of shoreline. While an effort has been made to protect the coastline from waterborne surface threats, such as boats and mines, no system for protecting these assets against known, credible undersea terrorist threats exists. Waterborne threats, both domestic and overseas that include divers, diver deployment vehicles, autonomous underwater vehicles, mini-sub, and highly lethal submerged mines form a substantial window of vulnerability for naval and civilian assets. A viable system for protecting critical infrastructure and military assets from surprise maritime terrorist attacks must include a system that detects and defends against subsurface threats. There is a need for persistent operation of a surveillance network to provide operational underwater threat tracking capabilities. Currently there is no solution for short-medium range detection, tracking, localization, and identification (DTLI) for such threats to protect key ports. The Navy's 2016 30-year R&amp;D plan lists Persistent Surveillance as a focus area that should receive the highest level of attention and coordination.</p>		
Project Purpose:	<p>The funding would be used to accelerate the development and prototyping systems and concepts for underwater threat assessment for enhanced port and expeditionary maritime security. The FAU request will continue development of these systems, enabling remote surveillance of maritime environments from nanosatellites, CubeSats, small satellites, and high-altitude long endurance (HALE) drones for the Navy. Funding will grow, sustain, and solidify the nascent Center with goals of commercialization, transitioning prototypes and data products to the Navy, and providing a pipeline of innovation and talent from the Universities to government and industry to support U.S. battlespace applications.</p>		
Project City or County:	Boca Raton	Project State:	FL
Recipient Name:	Florida Atlantic University	Recipient Mailing Address:	777 Glades Road, P.O. Box 3091, Boca Raton, FL 33431

THEODORE E. DEUTCH  
22ND DISTRICT, FLORIDA  
WWW.DEUTCH.HOUSE.GOV  
FACEBOOK.COM/CONGRESSMANTEDDEUTCH  
TWITTER: @RepTedDeutch  
COMMITTEE ON ETHICS  
CHAIRMAN  
COMMITTEE ON FOREIGN AFFAIRS  
CHAIRMAN, SUBCOMMITTEE ON THE MIDDLE EAST,  
NORTH AFRICA, AND INTERNATIONAL TERRORISM  
SUBCOMMITTEE ON EUROPE, EURASIA, ENERGY,  
AND THE ENVIRONMENT  
COMMITTEE ON THE JUDICIARY  
SUBCOMMITTEE ON CRIME, TERRORISM,  
AND HOMELAND SECURITY  
SUBCOMMITTEE ON COURTS,  
INTELLECTUAL PROPERTY, AND THE INTERNET



Congress of the United States  
House of Representatives  
Washington, DC 20515

WASHINGTON OFFICE  
2447 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-3001  
DISTRICT OFFICES:  
7800 GLADES RD, SUITE 250  
BOCA RATON, FL 33434  
CORAL SPRINGS CITY HALL  
9500 W. SAMPLE RD, SUITE 204  
CORAL SPRINGS, FL 33065  
MARGATE CITY HALL  
5790 MARGATE BLVD  
MARGATE, FL 33063  
(954) 265-8338  
(561) 470-5440

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Persistent Maritime Surveillance in fiscal year 2022. The entity to receive funding for this project is Florida Atlantic University, located at 777 Glades Road, P.O. Box 3091, Boca Raton, FL 33431.

The funding would be used to accelerate the development and prototyping systems and concepts for underwater threat assessment for enhanced port and expeditionary maritime security. The FAU request will continue development of these systems, enabling remote surveillance of maritime environments from nanosatellites, CubeSats, small satellites, and high-altitude long endurance (HALE) drones for the Navy. Funding will grow, sustain, and solidify the nascent Center with goals of commercialization, transitioning prototypes and data products to the Navy, and providing a pipeline of innovation and talent from the Universities to government and industry to support U.S. battlespace applications.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Theodore E. Deutch  
Member of Congress



**Request ID: 117**

Project Name:	Connected AI for Autonomous UUV Systems	Request Nature:	Community Project Funding
Member Name:	Deutch, Theodore E.(D-FL)	Member's Request: (in thousands, \$000)	\$10,000
Justification:	Deliverables/Outcomes include: Testing of emerging commercially available systems and sensors prototype and validation algorithms for rapid high-confidence characterization and assessment of the quality of data sets; novel AI/ML algorithms; test and evaluation of adversarial learning methods and autonomous system field operations; algorithms and software of multi-modal exploratory data analysis to characterize models); interference-avoiding command and control for connected autonomy; UUV launch & recovery systems from shore & small crafts, tracking, hydrodynamics and ocean engineering support of test and evaluation, vehicle asset navigation, and systems and sensors; testbed development for data-quality controlled adversarial training and real-time operation of AI teams; scaled naval missions and field operations in real conditions; and workforce development.		
Project Purpose:	The funding would be used for the FAU-Navy partnership for rapid test and evaluation of intelligent interconnecting technologies and real-time monitoring of operational data. The project will further address the Navy's need for autonomous operation capability and sustained connectivity of underwater unmanned vehicles in naval warfare missions. Funding will grow, sustain, and solidify the nascent partnership with goals of commercialization, transitioning prototypes, and software products for the Navy, and provide a pipeline of innovation and talent from the University to government and industry.		
Project City or County:	Boca Raton	Project State:	FL
Recipient Name:	Florida Atlantic University	Recipient Mailing Address:	777 Glades Road, P.O. Box 3091, Boca Raton, FL 33431

THEODORE E. DEUTCH  
22ND DISTRICT, FLORIDA  
WWW.DEUTCHHOUSE.GOV  
FACEBOOK.COM/CONGRESSMANTEDDEUTCH  
TWITTER: @RepTedDeutch  
COMMITTEE ON ETHICS  
CHAIRMAN  
COMMITTEE ON FOREIGN AFFAIRS  
CHAIRMAN, SUBCOMMITTEE ON THE MIDDLE EAST,  
NORTH AFRICA, AND INTERNATIONAL TERRORISM  
SUBCOMMITTEE ON EUROPE, EURASIA, ENERGY,  
AND THE ENVIRONMENT  
COMMITTEE ON THE JUDICIARY  
SUBCOMMITTEE ON CRIME, TERRORISM,  
AND HOMELAND SECURITY  
SUBCOMMITTEE ON COURTS,  
INTELLECTUAL PROPERTY, AND THE INTERNET



Congress of the United States  
House of Representatives  
Washington, DC 20515

WASHINGTON OFFICE  
2447 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-3001  
DISTRICT OFFICES:  
7800 GLADES RD, SUITE 250  
BOCA RATON, FL 33434  
CORAL SPRINGS CITY HALL  
9500 W. SAMPLE RD, SUITE 204  
CORAL SPRINGS, FL 33065  
MARGATE CITY HALL  
5790 MARGATE BLVD  
MARGATE, FL 33063  
(954) 265-8338  
(561) 470-5440

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Connected AI for Autonomous UUV Systems in fiscal year 2022.  
The entity to receive funding for this project is Florida Atlantic University, located at 777 Glades  
Road, P.O. Box 3091, Boca Raton, FL 33431.

The funding would be used for the FAU-Navy partnership for rapid test and evaluation of  
intelligent interconnecting technologies and real-time monitoring of operational data. The project  
will further address the Navy's need for autonomous operation capability and sustained  
connectivity of underwater unmanned vehicles in naval warfare missions. Funding will grow,  
sustain, and solidify the nascent partnership with goals of commercialization, transitioning  
prototypes, and software products for the Navy, and provide a pipeline of innovation and talent  
from the University to government and industry.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Theodore E. Deutch  
Member of Congress

**Request ID: 51**

<b>Project Name:</b>	Structural Thermoplastics Large-Scale Low-Cost Tooling Solutions	<b>Request Nature:</b>	Community Project Funding
<b>Member Name:</b>	Golden, Jared F.(D-ME)	<b>Member's Request:</b> (in thousands, \$000)	\$4,500
<b>Justification:</b>	<p>Attached is a letter of support from the Maine International Trade Center. It states that in a recent report by Stone and Associates on the DIME project, the automotive and transportation sector for Composites and Advanced Materials was identified as having a staggering 20% predicted global market growth between 2016 and 2021. Maine can take advantage of this opportunity through the ASCC' work in the sector as well as in the development of recyclable composites. The Stone and Associates report also reveals that the primary defense sector jobs in Maine include aerospace,</p> <p>pipes and tanks and marine. Composites and advanced materials account for 630 jobs of the total 19,000 workers that these sectors employ. The addition of an automotive/transportation sector to that list is needed</p> <p>and can be accomplished through the work that is being conducted at the University of Maine's Composites Lab.</p>		
<b>Project Purpose:</b>	<p>In order to integrate the necessary mission payloads on Next Generation Combat Vehicles, the US Army requires lightweight vehicle structures that can be manufactured in an affordable manner. Structural thermoplastic materials have abundant potential because they are low cost, lightweight, recyclable, corrosion resistant, and have been proven to perform in both military and commercial vehicle applications.</p> <p>In the 2018 update to the US Army's Lightweight Combat Vehicle Science and Technology Campaign, additive manufacturing was identified as a recent technology breakthrough that could enable significant weight savings on military ground vehicles. The combination of topology optimization and modern additive manufacturing technology enables creating novel geometric structures that are lighter weight and potentially less expensive than traditional subtractive manufacturing. In these applications, lightweight composite materials can provide the best opportunity for weight savings in vehicles. Barriers to the introduction of composite materials for ground vehicle applications include material property selection, cost effective material processing, and flame/smoke/toxicity (FST) properties and the high costs of traditional metallic tooling.</p> <p>This 24 Month effort utilizes a method for leveraging additive manufacturing to address each of these barriers by reducing the lead time and cost of producing lightweight FST rated thermoplastic composite structures for military ground vehicle applications. The University of Maine currently operates the World's largest 3D printer (60 ft long x 22ft wide x 10 ft high), located at UMaine, capable of advanced, sensors, multimaterial heads, and machine learning algorithms designed to optimize large part quality. This technology will be used to improve the speed and delivery of supply to US Armed forces and reduce the logistical burden of heavy metal tooling manufacturing.</p> <p>UMaine's Composites Center has also launched the Consortium for Manufacturing Innovation in Structural Thermoplastics (CMSIT) to address the most significant manufacturing challenges to the use of thermoplastic composite materials for structural applications with funding from the NIST Office of Advanced Manufacturing.</p> <p>Objectives and Nature of the Solution: UMaine proposes to demonstrate feasibility of light-weighting larger components of US Army vehicle structures, enabling cost reductions, new capabilities and important fuel savings. The proposed solution replaces traditional costly and heavy metallic tooling with Additively Manufactured polymer recyclable tooling. The tooling is for the bending formation of high temperature reinforced structural thermoplastic laminates that will be used to replace the metallic vehicle structure. The University of Maine in cooperation with industrial partners and the US Army Ground Vehicle Systems Command will develop innovated low cost tooling utilizing large format 3D printing. The work will include a comprehensive comparative analysis to evaluate the use of a large scale 3D printed forming tools in comparison to a traditional metallic molds. The effort will also include the delivery of novel new structures of thermoplastic/thermoset three dimensional composites optimized for use with this tooling to provide US Army designers and materials engineers the advantage they need in the field. This applied research will focus on the use of a hybridized Bio-Based additive manufacturing resins system to create tooling which can form high temperature laminates.</p> <p>UMaine recently demonstrated re-engineering of a HMMWV CARGO SHELL, a 53" long x 24" tall x 16" wide aluminum vehicle component, using a 3D printed thermoplastic mold and an automated compression molding cell, reducing the part weight by more than 30%. The University of Maine works with the National Center for Manufacturing Sciences under the Commercial Technologies for Maintenance Activities Program to develop and transition advanced automotive technologies to the Combat Capabilities Development Command, Ground Vehicle Systems. This initiative will bolster the already strong collaborative relationship between the University of Maine and the U.S. Army Combat Capabilities Development Command (CCDC), Ground Vehicle Systems Center (GVSC).</p>		
<b>Project City or County:</b>	Orono	<b>Project State:</b>	ME
<b>Recipient Name:</b>	University of Maine	<b>Recipient Mailing Address:</b>	5703 Alumni Hall, Orono, ME 04469

Washington Office  
1222 Longworth House Office Building  
Washington, D.C. 20515  
Phone: (202) 225-6306  
Fax: (202) 225-2943  
[www.golden.house.gov](http://www.golden.house.gov)



Committee on Armed Services  
Committee on Small Business

**Jared Golden**  
Congress of the United States  
2nd District of Maine

June 11, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the University of Maine's (UMaine) Structural Thermoplastics Large-Scale Low-Cost Tooling Solutions in fiscal year 2022. The entity to receive funding for this project is the University of Maine, located at 5703 Alumni Hall, Orono, ME 04469.

The funding would be used for UMaine to demonstrate the feasibility of light-weighting larger components of US Army vehicle structures, enabling cost reductions, new capabilities, and important fuel savings. The proposed solution replaces traditional costly and heavy metallic tooling with Additively Manufactured polymer recyclable tooling. The tooling is for the bending formation of high temperature reinforced structural thermoplastic laminates that will be used to replace the metallic vehicle structure. The University of Maine in cooperation with industrial partners and the US Army Ground Vehicle Systems Command will develop innovated low-cost tooling utilizing large format 3D printing. The work will include a comprehensive comparative analysis to evaluate the use of large-scale 3D printed forming tools in comparison to traditional metallic molds. The effort will also include the delivery of novel new structures of thermoplastic/thermoset three dimensional composites optimized for use with this tooling to provide US Army designers and materials engineers the advantage they need in the field.

6 State Street, Suite 101  
Bangor, ME 04101  
Phone: (207) 249-7400

7 Hatch Drive, Suite 230  
Caribou, ME 04736  
Phone: (207) 492-6009



179 Lisbon Street  
Lewiston, ME 04240  
Phone: (207) 241-6767

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Jared F. Golden". The signature is written in a cursive style with a large, stylized "J" and "G".

Jared F. Golden  
Member of Congress

**Request ID: 68**

Project Name:	Defense Industrial Skills and Technology Training	Request Nature:	Community Project Funding
Member Name:	Golden, Jared F.(D-ME)	Member's Request: (in thousands, \$000)	\$10,000
Justification:	Maine State Chamber of Commerce letter of support is attached.		
Project Purpose:	<p>Sustaining and modernizing the Force to pace strategic imperatives and dynamic deployments are an ongoing challenge for the Department of Defense. To address current and anticipated operational requirements and tempo, a paradigm shift for workforce development is required to better leverage technological advances with reduced transition cycles improving military readiness. Today's workers require a new set of skills to augment traditional trade artisan expertise, including robotic programming and operations to increase automation, digitization of work, manipulation and understanding of virtual environments. New knowledge, skills and abilities (KSAs), accreditation/certification, compensation structures and position descriptions align with industry-developed architectures are required. Efforts in the previous fiscal year (FY21) are targeting the methods to shape this system and further advancements are required to shape the next generation of industrial workers.</p> <p>Immediate benefits include improved operational efficiency, efficacy and resiliency.</p> <p>Longer-term benefits include:</p> <ul style="list-style-type: none"> <li>- Increased safety for industrial workers and reduced lost time due to injuries.</li> <li>- Increased retention, compensation and expertise to improve operational efficiency.</li> <li>- Modernization and alignment of traditional trade work to render graduates ready to enter and succeed in a modern workplace.</li> <li>- Synergy between organic and defense industry partners to improve national industrial efficiencies via common certification and accreditation standards resulting in faster fielding of new capabilities at scale.</li> <li>- Stronger Defense Industrial Base with coordinated procurement and training, identification of solutions that cross multiple Services, and partners.</li> </ul>		
Project City or County:	Portland	Project State:	ME
Recipient Name:	The Roux Institute at Northeastern University	Recipient Mailing Address:	100 Fore Street, Portland, ME 04101

Washington Office  
1222 Longworth House Office Building  
Washington, D.C. 20515  
Phone: (202) 225-6306  
Fax: (202) 225-2943  
[www.golden.house.gov](http://www.golden.house.gov)



Committee on Armed Services  
Committee on Small Business

**Jared Golden**  
Congress of the United States  
2nd District of Maine

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the Roux Institute of Northeastern University's Defense Industrial Skills and Technology Training program in fiscal year 2022. The entity to receive funding for this project is the Roux Institute of Northeastern University, located at 100 Fore Street, Portland, ME 04101.

Today's workers require a new set of skills to augment traditional trade artisan expertise, including robotic programming and operations to increase automation, digitization of work, manipulation and understanding of virtual environments. This funding would be used for modernization and alignment of traditional trade work to render graduates ready to enter and succeed in a modern workplace. This funding will ensure synergy between organic and defense industry partners to improve national industrial efficiencies via common certification and accreditation standards resulting in faster fielding of new capabilities at scale. This funding will also establish a stronger Defense Industrial Base with coordinated procurement, training, and identification of solutions that cross multiple Services and partners.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Jared F. Golden  
Member of Congress

6 State Street, Suite 101  
Bangor, ME 04101  
Phone: (207) 249-7400

7 Hatch Drive, Suite 230  
Caribou, ME 04736  
Phone: (207) 492-6009

179 Lisbon Street  
Lewiston, ME 04240  
Phone: (207) 241-6767



**Request ID: 130**

Project Name:	Child Development Center - Lackland Air Force Base	Request Nature:	Community Project Funding
Member Name:	Gonzales, Tony(R-TX)	Member's Request: (in thousands, \$000)	\$29,000
Justification:	The U.S. Air Force has identified this project as one of its top 4 priority Military Construction Projects. In a report to Congress, the Air Force stated that demand for childcare exceeds the Air Force s capacity. As of February 2021, there were 5,116 children with an unmet need for care. The average wait time to place a child is 151 days.		
Project Purpose:	The U.S. Air Force has identified this project as one of its top 4 priority Military Construction Projects. In a report to Congress, the Air Force stated that demand for childcare exceeds the Air Force s capacity. As of February 2021, there were 5,116 children with an unmet need for care. The average wait time to place a child is 151 days.		
Project City or County:	San Antonio	Project State:	TX
Recipient Name:	Lackland Air Force Base	Recipient Mailing Address:	Lackland Air Force Base 2327 Pinn Road San Antonio, Texas 78227

TONY GONZALES  
23RD DISTRICT, TEXAS

COMMITTEE ON APPROPRIATIONS

SUBCOMMITTEE ON MILITARY CONSTRUCTION,  
VETERANS AFFAIRS, AND RELATED AGENCIES

SUBCOMMITTEE ON TRANSPORTATION,  
HOUSING AND URBAN DEVELOPMENT, AND  
RELATED AGENCIES



**Congress of the United States**  
**House of Representatives**  
Washington, DC 20515-4323

WASHINGTON OFFICE:  
1009 LONGWORTH HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-4511  
WWW.GONZALES.HOUSE.GOV

DISTRICT OFFICES:  
6333 DE ZAVALA RD.  
SUITE A216  
SAN ANTONIO, TX 78249  
(210) 806-9920

712 EAST GIBBS ST.  
SUITE 101  
DEL RIO, TX 78840  
(830) 308-6200

103 W CALLAGHAN ST.  
FORT STOCKTON, TX 79735  
(432) 299-6200

124 HORIZON BLVD.  
SOCORRO, TX 79927  
(915) 990-1500

2401 GARNER FIELD RD.  
BUILDING Q  
UVALDE, TX 78801  
(830) 333-7410

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for a Child Development Center for Lackland Air Force Base at Joint Base San Antonio in fiscal year 2022. The entity to receive funding for this project is the U.S. Air Force's Lackland Air Force Base, located at 2327 Pinn Road, San Antonio, Texas 78227.

The funding would be used to construct a new Child Development Center for Active-Duty Air Force dependents.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Tony Gonzales  
Member of Congress

**Request ID: 54**

Project Name:	Camp Garfield Unpaved Assault Runway Construction	Request Nature:	Community Project Funding
Member Name:	Gonzalez, Anthony(R-OH)	Member's Request: (in thousands, \$000)	\$8,700
Justification:	<p>A requirement exists for an unpaved assault runway to support mission parameters at the Ravenna Army Arsenal, the Assault Landing Zone for training in the region. This mission has been verified to support C-130s and C-17 aircraft.</p> <p>A requirement exists per AFI 11-2C-130 and 11-2C-17 to comply with training requirements for air crews to be proficient at tactical landing and takeoff on unpaved assault runways. AFR 51-130 requires unpaved assault zone certification before an aircraft commander is considered to be combat ready. This construction project includes an unpaved assault runway and a minimum apron with proper drainage and a non-frost susceptible subgrade.</p> <p>The nearest unpaved assault zones are located near Pope AFB, NC, within the Fort Bragg Reservation. Availability of these training zones are severely limited by users of the reservation and extensive delays are encountered when scheduling these zones. The three-hour roundtrip from YARS severely limits training capabilities. This unit and other units in the region currently have a significant number of pilots who have no navigation/night vision goggle (NVG) lighting or unpaved assault runway training. Without this required unpaved assault runway, the aircraft within the region will be unable to train on an unpaved tactical landing zone which will cause pilots to be deficient by 40 percent for unpaved assault zone certification. This will result in aircraft commanders failing to be combat ready. Future mishaps during these types of operations may occur without proper training.</p>		
Project Purpose:	<p>Camp James A. Garfield (formerly Camp Ravenna) is an Ohio Army National Guard (OANG) training site located in Portage and Trumbull counties. The installation consists of approximately 21,000 acres with various small arms weapons ranges and permanent facilities to support individual and collective training events for both weekend and annual training. Major infrastructure improvements like this are helping turn Camp Garfield into a world-class training center for the Army, National Guard and other DOD units in the Midwestern United States making it a regional training destination. Among the recent improvements there are a Fire and Movement Range, and the current construction of an Automated Record Fire Range. Camp Garfield also features Training Aids, Devices, Simulators and Simulations (TADSS), state of the art digital training equipment that allows for realistic combat training without the logistical challenges of live-fire ranges. An unpaved assault runway would allow additional seasonal scheduled use by entire units who could train for the assault certification and other maneuvers at the facility. Enhancing the long-term usability of the facility is a fundamental goal of this request. Investments in expanding the footprint and training resources at Camp Garfield will enable it to become an economic driver for the region, beyond its current impact of approximately \$30 million annually.</p>		
Project City or County:	Ravenna	Project State:	OH
Recipient Name:	Youngstown Air Force Reserve Station	Recipient Mailing Address:	3976 King-Graves Rd. / Vienna, OH 44473

ANTHONY GONZALEZ  
16TH DISTRICT, OHIO

COMMITTEE ON FINANCIAL SERVICES

COMMITTEE ON SCIENCE,  
SPACE, AND TECHNOLOGY

**Congress of the United States**  
**House of Representatives**  
Washington, DC 20515-3516

2458 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-3876

4150 BELDEN VILLAGE STREET, SUITE 607  
CANTON, OH 44718  
(330) 599-7037

13477 PROSPECT ROAD, SUITE 212  
STRONGSVILLE, OH 44149  
(440) 783-3686

July 9, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

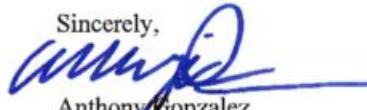
Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Camp Garfield Unpaved Assault Runway Construction in fiscal year 2022.

The entity to receive funding for this project is Youngstown Air Force Reserve Station, located at 3976 King-Graves Road, Vienna, OH 44473.

The funding would be used for Camp James A. Garfield (formerly Camp Ravenna) is an Ohio Army National Guard (OANG) training site located in Portage and Trumbull counties. The installation consists of approximately 21,000 acres with various small arms weapons ranges and permanent facilities to support individual and collective training events for both weekend and annual training. Major infrastructure improvements like this are helping turn Camp Garfield into a world-class training center for the Army, National Guard and other DOD units in the Midwestern United States making it a regional training destination. Among the recent improvements there are a Fire and Movement Range, and the current construction of an Automated Record Fire Range. Camp Garfield also features Training Aids, Devices, Simulators and Simulations (TADSS), state of the art digital training equipment that allows for realistic combat training without the logistical challenges of live-fire ranges. An unpaved assault runway would allow additional seasonal scheduled use by entire units who could train for the assault certification and other maneuvers at the facility. Enhancing the long-term usability of the facility is a fundamental goal of this request. Investments in expanding the footprint and training resources at Camp Garfield will enable it to become an economic driver for the region, beyond its current impact of approximately \$30 million annually.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,  
  
Anthony Gonzalez  
Member of Congress

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**Request ID: 55**

Project Name:	Research and Development of Next Generation Explosives and Propellants	Request Nature:	Community Project Funding
Member Name:	Griffith, H. Morgan(R-VA)	Member's Request: (in thousands, \$000)	\$1,000
Justification:	Attached are three letters of support from two delegates and one state senator.		
Project Purpose:	<p>The funding level of \$1,000,000.00 for Research and Development of Next Generation Explosives and Propellants would be used for research to characterize novel explosive and propellant materials as a first step in reaching the goal of eventually creating munitions for the Department of Defense with increased range, accuracy, and stability, such as a solid rocket whose fuel could be made to throttle, as opposed to burning at the same rate, and therefore fly farther or carry a larger payload. The project would be a valuable use of taxpayer funds because the characterization of novel explosive and propellant materials would assist the Department of Defense in evaluating materials that could be used to create more precise, long-range munitions that are safer to manufacture and store. Continued innovation in the energetics and propellant fields will be necessary to keep pace with improved munition ranges from near-peer competitors.</p> <p>Researchers at Virginia Tech would conduct characterization and evaluation of potential new energetics materials through activities such as thermal analysis, viscosity tests, and a material's reaction to light and electricity stimuli. These characterizations could help determine whether potential energetics materials are suitable for additive manufacturing or casting applications. Virginia Tech energetics researchers would also be able to interact with nearby Radford Army Ammunition Plant personnel. The Plant is the primary supplier of solventless propellants and the only North American manufacturer and supplier of nitrocellulose.</p>		
Project City or County:	Blacksburg	Project State:	VA
Recipient Name:	Virginia Polytechnic Institute and StateUniversity	Recipient Mailing Address:	Aerospace & Ocean Engineering (MC0203), Randolph Hall, RM 332-5, Virginia Tech, 460 Old Turner St., Blacksburg, Virginia 24061

**H. MORGAN GRIFFITH**  
9TH DISTRICT, VIRGINIA  
COMMITTEE ON  
ENERGY AND COMMERCE  
SUBCOMMITTEE:  
OVERSIGHT AND INVESTIGATIONS  
REPUBLICAN LEADER  
ENERGY  
HEALTH  
[www.morgangriffith.house.gov](http://www.morgangriffith.house.gov)



**Congress of the United States**  
**House of Representatives**  
Washington, DC 20515-4069

2202 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-3861 Phone  
(202) 225-6076 Fax  
323 WEST MAIN STREET  
ARNDSON, VA 24210  
(276) 525-1409 Phone  
(276) 525-1444 Fax  
17 WEST MAIN STREET  
CHROTIKSBURG, VA 24073  
(540) 381-5671 Phone  
(540) 381-5675 Fax

June 11, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Research and Development of Next Generation Explosives and Propellants in fiscal year 2022.

The entity to receive funding for this project is Virginia Polytechnic Institute and State University, located at Aerospace & Ocean Engineering (MC0203), Randolph Hall, RM 332-5, Virginia Tech, 460 Old Turner St., Blacksburg, VA 24061.

The funding level of \$1,000,000.00 for Research and Development of Next Generation Explosives and Propellants would be used for research to characterize novel explosive and propellant materials as a first step in reaching the goal of eventually creating munitions for the Department of Defense with increased range, accuracy, and stability, such as a solid rocket whose fuel could be made to throttle, as opposed to burning at the same rate, and therefore fly farther or carry a larger payload. The project would be a valuable use of taxpayer funds because the characterization of novel explosive and propellant materials would assist the Department of Defense in evaluating materials that could be used to create more precise, long-range munitions that are safer to manufacture and store. Continued innovation in the energetics and propellant fields will be necessary to keep pace with improved munition ranges from near-peer competitors.

Researchers at Virginia Tech would conduct characterization and evaluation of potential new energetics materials through activities such as thermal analysis, viscosity tests, and a material's



reaction to light and electricity stimuli. These characterizations could help determine whether potential energetics materials are suitable for additive manufacturing or casting applications. Virginia Tech energetics researchers would also be able to interact with nearby Radford Army Ammunition Plant personnel. The Plant is the primary supplier of solventless propellants and the only North American manufacturer and supplier of nitrocellulose.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in black ink, appearing to read "H. Morgan Griffith", with a stylized flourish at the end.

H. Morgan Griffith  
Member of Congress



**Request ID: 103**

Project Name:	Contained Burn Facility	Request Nature:	Community Project Funding
Member Name:	Hoyer, Steny H.(D-MD)	Member's Request: (in thousands, \$000)	\$14,980
Justification:	The project is supported by Charles County, and the Military Alliance Committee of the Charles County Chamber of Commerce. NSWC Indian Head is located in Charles County, MD.		
Project Purpose:	Replaces open burning by constructing a Contained Burn Facility with best available control technology (BACT) air pollution controls, eliminating air and water EPA concerns and the open burning of 170,000 pounds of explosive hazardous waste each year.		
Project City or County:	Indian Head	Project State:	MD
Recipient Name:	NSWC Indian Head	Recipient Mailing Address:	NSWC, Indian Head 3767 Strauss Avenue Bldg 20 Room 103 Indian, Head, MD 20640

STENY H. HOYER  
MAJORITY LEADER  
5TH DISTRICT, MARYLAND



**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515-6502**  
June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Contained Burn Facility in fiscal year 2022. The entity to receive funding for this project is NSWC, Indian head located at 3767 Strauss Avenue, Indian Head, MD 20640

The funding would Replaces open burning by constructing a Contained Burn Facility with best available control technology (BACT) air pollution controls, eliminating air and water EPA concerns and the open burning of 170,000 pounds of explosive hazardous waste each year.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

STENY H. HOYER  
Member of Congress

MAJORITY LEADER OFFICE:  
H-107, THE CAPITOL  
WASHINGTON, DC 20515  
(202) 225-3130  
(202) 226-0663 (Fax)  
<https://majorityleader.gov>

WASHINGTON, DC OFFICE:  
1705 LONGWORTH HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-4131  
(202) 225-4300 (Fax)  
<https://www.hoyer.house.gov>

GREENBELT DISTRICT OFFICE:  
U.S. DISTRICT COURTHOUSE  
6500 CHERRYWOOD LANE, SUITE 310  
GREENBELT, MD 20770  
(301) 474-0119  
(301) 474-4697 (Fax)

WHITE PLAINS DISTRICT OFFICE:  
4775 REGENCY PLACE,  
SUITE 203  
WHITE PLAINS, MD 20695  
(301) 843-1577  
(301) 843-1331 (Fax)

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**Request ID: 107**

Project Name:	Aircraft Prototyping Facility Phase III	Request Nature:	Community Project Funding
Member Name:	Hoyer, Steny H.(D-MD)	Member's Request: (in thousands, \$000)	\$40,920
Justification:	The project is supported by the Southern Maryland Navy Alliance, a group of community leaders in St. Mary's County, Maryland that advocate for the Pax River Naval Air Station.		
Project Purpose:	Funding would support the third and final phase of construction of facility to enable aircraft preparation and technology support to permit full-scale fabrication of advanced structures. Project directly supports Navy's emphasis on rapid prototyping consistent with the Navy's Maritime Advanced Capabilities Office (MACO), to capture innovation and speed solutions to the warfighters. The current infrastructure at NAS Patuxent River is insufficient to meet the Navy, and other service demand, for the testing facilities in these buildings. Moreover, special SCIF space is needed for this type of testing so additional facilities are needed to accommodate the classified nature of these programs. The third phase would be critical for allowing use of composite work on aircraft. Phase 1 funding was \$18M in 2007 and Phase 2 funding was \$42M in 2011. Funding for this project is included in the FYDP. Intent is to bring the funding for this requirement forward to FY22. The military construction project will provide important infrastructure jobs to Maryland and the entire state as well as enhance the military value of Pax River.		
Project City or County:	Patuxent River	Project State:	MD
Recipient Name:	Patuxent River Naval Air Station	Recipient Mailing Address:	47123 Buse Road Building 2272 Patuxent River, MD 20670

STENY H. HOYER  
MAJORITY LEADER  
5th District, Maryland



Congress of the United States  
House of Representatives  
Washington, DC 20515-6502  
June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Aircraft Prototyping Facility Phase III in fiscal year 2022. The entity to receive funding for this project is Patuxent River Naval Air Station located at 47123 Buse Road, Patuxent River, MD 20670.

The funding would support the third and final phase of construction of facility to enable aircraft preparation and technology support to permit full-scale fabrication of advanced structures..

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

STENY H. HOYER  
Member of Congress

MAJORITY LEADER OFFICE:  
H-107, THE CAPITOL  
WASHINGTON, DC 20515  
(202) 225-3130  
(202) 226-0603 (FAX)  
<https://majorityleader.gov>

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(202) 225-4300 (FAX)  
<https://www.hoyer.house.gov>

GREENBELT DISTRICT OFFICE:  
U.S. DISTRICT COURTHOUSE  
6500 CHERRYWOOD LANE, SUITE 310  
GREENBELT, MD 20770  
(301) 474-0119  
(301) 474-4697 (FAX)

WHITE PLAINS DISTRICT OFFICE:  
4775 REGENCY PLACE,  
SUITE 203  
WHITE PLAINS, MD 20695  
(301) 843-1577  
(301) 843-1331 (FAX)

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Request ID: 129			
Project Name:	New Entrance Road and Gate Complex--Barksdale Air Force Base, Louisiana	Request Nature:	Community Project Funding
Member Name:	Johnson, Mike(R-LA)	Member's Request: (in thousands, \$000)	\$36,000
Justification:	<p>The Louisiana Department of Transportation and Development (DOTD) and Barksdale Forward are both supportive of this project. Barksdale Forward is a defense community advocacy group.</p> <p>Relying upon representations made by the Air Force, the state and local governments allocated approximately \$100 million to construct a new highway interchange that will allow traffic to flow to the new entrance gate.</p> <p>The original cost estimate for the new gate was \$12 million. That amount has been authorized and appropriated by Congress. In 2020, it was discovered that the Air Force underbid the project, and the revised total cost is now \$48 million. That amount was fully authorized in the FY21 NDAA, but \$36 million in appropriations is still needed to complete the project.</p> <p>In the meantime, the new interchange that will allow traffic to flow to the base is scheduled to be completed in the Fall of 2021. Without action from Congress to appropriate funds to complete the gate and access road, the state and local commitment of approximately \$100 million would have constructed an interchange to nowhere.</p>		
Project Purpose:	To complete construction of a new entrance road and gate complex at Barksdale Air Force Base, Louisiana.		
Project City or County:	Bossier City	Project State:	LA
Recipient Name:	United States Air Force	Recipient Mailing Address:	1690 Air Force Pentagon, Washington, DC 20330

**MIKE JOHNSON**

4TH DISTRICT, LOUISIANA

**WASHINGTON DC OFFICE**  
568 CANNON HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515/PHONE: (202) 225-2777

**BOSSIER CITY OFFICE**  
2250 HOSPITAL DRIVE, SUITE 248  
BOSSIER CITY, LA 71111/PHONE: (888) 216-3005

**NATCHITOCHES OFFICE**  
PO BOX 4989  
NATCHITOCHES, LA 71497/PHONE: (318) 951-4316

**LEESVILLE OFFICE**  
3329 UNIVERSITY PARKWAY, BLDG 552, RM 24  
LEESVILLE, LA 71446/PHONE: (337) 423-4232



**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515**

June 17, 2021

**HOUSE REPUBLICAN CONFERENCE**  
**VICE CHAIRMAN**

**ASSISTANT WHIP**

**COMMITTEE ON THE JUDICIARY**

**SUBCOMMITTEE ON THE CONSTITUTION, CIVIL RIGHTS**  
**AND CIVIL LIBERTIES**

**RANKING MEMBER**

**SUBCOMMITTEE ON COURTS, INTELLECTUAL PROPERTY**  
**AND THE INTERNET**

**SUBCOMMITTEE ON ANTITRUST, COMMERCIAL AND**  
**ADMINISTRATIVE LAW**

**COMMITTEE ON ARMED SERVICES**

**SUBCOMMITTEE ON READINESS**

**SUBCOMMITTEE ON CYBER, INNOVATIVE TECHNOLOGIES**  
**AND INFORMATION SYSTEMS**

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for a new entrance gate and access road at Barksdale Air Force Base in fiscal year 2022. The entity to receive funding for this project is the United States Air Force, located at 1690 Air Force Pentagon, Washington, DC 20330, and the project would be carried out at Barksdale Air Force Base in Bossier City, Louisiana.

The funding would be used to complete construction of a new entrance road and gate complex at Barksdale Air Force Base. The project is already underway, and the funds I am requesting are necessary to complete the project.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Mike Johnson  
Member of Congress

MIKEJOHNSON.HOUSE.GOV

**Request ID: 62**

Project Name:	Youngstown Air Reserve Station – Assault Strip Widening	Request Nature:	Community Project Funding
Member Name:	Joyce, David P.(R-OH)	Member's Request: (in thousands, \$000)	\$8,700
Justification:	<p>Youngstown Air Reserve Station is the largest employer in Trumbull County employing over 2,000 people, with 1,440 of them reservists and active duty. The base's economic impact on the area in FY20 was \$137.3 million, up from \$115 million in FY19 and \$90 million in FY15.</p> <p>Community Support Documents included: (1) Guy Coviello, President and CEO, Youngstown Warren Regional Chamber; (2) Kyle English, Executive Director, Community Foundation of Western PA &amp; Eastern OH; (3) James P. Kinnick, Executive Director, Eastgate Regional Council of Governments; (4) David Christner, Chairman, Eastern Ohio Military Affairs Council (EOMAC); (5) John Moliterno, CEO, Western Reserve Port Authority; (6) Richard Jugenheimer, President, Youngstown Reserve Base Community Council; (7) DD-1391.</p>		
Project Purpose:	<p>The Youngstown Air Reserve Station is home to the 910th Airlift Wing, the U.S. Department of Defense's only large-area, fixed-wing aerial spray unit. The Station's assault runway/taxiway needs to be repaired and expanded to fulfill mission requirements. This project will widen the assault runway/taxiway, which is necessary to support C-17 and C-130 aircraft.</p> <p>All crew members are required to complete qualifications training and mission certificate training on tactical landing zones. The current assault runway has limited capabilities and is not in condition for neither current trainings nor future missions. By widening the runway, these trainings can remain available at the Station and support mission requirements. Without this project, the 910th and nearby Air Force bases in the region would be forced to travel long distances to be able to train on a landing zone capable of supporting C-17 and C-130 aircraft size. This project will also allow the runway to conform to EPA environmental requirements and Executive Orders prioritizing environmental sustainability by including a properly designed drainage/underdrainage layer, a non-frost susceptible subgrade, and an overrun/shoulder connecting to the airfield storm water system.</p>		
Project City or County:	Vienna	Project State:	OH
Recipient Name:	Youngstown Air Reserve Station	Recipient Mailing Address:	549 Pine Street Robins AFB, GA 31098





DAVID P. JOYCE  
MEMBER OF CONGRESS  
14TH DISTRICT OF OHIO

CONGRESS OF THE UNITED STATES  
HOUSE OF REPRESENTATIVES  
WASHINGTON, D.C.

COMMITTEE ON  
APPROPRIATIONS

June 14, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting \$8,700,000 for Youngstown Air Reserve Station in fiscal year 2022.

The entity to receive funding for this project is the Air Force Reserve, located at 549 Pine Street, Robins AFB, GA 31098. The physical location of the project is located at Youngstown Air Reserve Station at 3976 King Graves Road, Vienna, OH 44473.

The funding would be used to widen the assault runway/taxiway at Youngstown Air Reserve Station in order to support C-17 and C-130 aircraft. Widening the assault runway will allow it to conform to a properly designed drainage/underdrainage layer, a non-frost susceptible subgrade, and an overrun/shoulder connecting to the airfield storm water system in accordance with EPA environmental requirements and Executive Orders prioritizing environmental sustainability. The runway currently has limited capabilities and is not in condition for the current or future missions. Without this project, the 910<sup>th</sup> Airlift Wing, the Department of Defense's only large-area, fixed-wing aerial spray unit, and nearby Air Force bases in the region would be forced to travel long distances to be able to train on a landing zone capable of supporting C-17 and C-130 aircraft size. To keep the training available and within a reasonable distance, the current assault strip must be widened to support mission requirements.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

David P. Joyce  
Member of Congress

ROOM 2065  
RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
202-225-5731

8500 STATION STREET, STE 390  
MENTOR, OH 44060  
440-352-3939  
TOLL FREE IN OHIO  
1-800-447-0529

TWINSBURG GOVERNMENT CENTER  
10075 RAVENNA ROAD  
TWINSBURG, OHIO 44087  
330-425-9291

**Request ID: 119**

Project Name:	DCFT059018 – Construct Base Civil Engineer Complex	Request Nature:	Community Project Funding
Member Name:	LaHood, Darin(R-IL)	Member's Request: (in thousands, \$000)	\$10,200
Justification:	<p>Without properly sized facilities both operational and training functions are negatively impacted which reduces readiness and training and increases overall operational cost. The unit's operations capability is greatly reduced. Drill training time is only 75% efficient due to limited consolidated training opportunities. Training and maintenance capability is reduced because personnel do not have office space where they conduct training. Facility O&amp;M funds are wasted on man-hours needed to overcome the antiquated HVAC design systems. The base engineering function is scattered all over the base, creating less than desirable training environment, while limiting the intended use of other facilities by other functions, further degrading overall training and readiness. In addition, the Base Readiness and Emergency Management function is part of the facility maintenance complex and directly affects wing readiness and response to emergencies.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Space Standards" and is in compliance with the installation development plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. Sustainable principles, to include Life Cycle cost effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13693, 10 USC 2802(c) and other applicable laws and Executive Orders. This project is considered capitalization based on the following rule from ANGETL 17-06: New Construction. This project will permit BLDG #2 ( 1152 SM / 12,392 SF), BLDG #3 ( 316 SM / 3,405 SF), BLDG #28 ( 45 SM / 480 SF), BLDG #30 ( 56 SM / 602 SF), BLDG #44 ( 372 SM / 4,000 SF), BLDG #45 ( 145 SM / 1,560 SF), BLDG #47 ( 101 SM / 1080 SF) to be demolished.</p>		
Project Purpose:	<p>Base Civil Engineer Complex (Current Mission)</p> <p>REQUIREMENT: The 183d Wing requires a properly sized and configured facility to accommodate Base Civil Engineer (BCE) Maintenance Shop requirements for administrative offices, training classrooms, squadron commander and orderly room, structural/mechanical/ electrical/pavements-equipment/utilities shops, and mobility storage of Prime BEEF assets. This also includes the BCE Maintenance shed for covered unheated storage of materials, and BCE open storage for secure uncovered storage of materials. The 183d Fighter Wing supports a Centralized Repair Facility (CRF) for jet engine depot maintenance and Component Numbered Air Force (cNAF) missions.</p> <p>CURRENT SITUATION: The Base Civil Engineer functions are located in 7 separate facilities in multiple locations throughout the installation adversely affecting cohesive operations; three of which do not meet Anti-Terrorism Force Protection (AFTP) stand-off distances. The facilities vary in age from 15 to 60 years old all with partial renovations to the oldest buildings. The facilities were initially constructed to house other base activities therefore functional layout is totally inefficient with either too much space allocation or too little to accomplish the mission. There is no ground level access or overhead doors for trade craftsman to perform any maintenance activities on any electrical, HVAC, plumbing or facility components. Facility maintenance and operations materials cannot be delivered to the facility due to a lack of necessary material storage areas. Lack of an integrated complex generates span of control challenges and results in poor coordination and loss of man-hours. The Squadron conducts "split drills" 20% of the year due to lack of space. There is not sufficient space for classroom activities, training areas or sufficient space for the entire squadron to assemble in one area. Restrooms were designed for a male to female ratio of 95% male and 5% female. Today's ratio is closer to 70-30. There are several cases where multi maintenance and training staff are occupying rooms designed for one person. Equipment storage is limited and high value items are forced to be stored outdoors causing them to deteriorate at an accelerated rate.</p>		
Project City or County:	Springfield	Project State:	IL
Recipient Name:	183d Wing, Illinois Air National Guard	Recipient Mailing Address:	Camp Lincoln, 1301 N. MacArthur Blvd, Springfield, IL 62702-2399

DARIN LAHOOD  
18th District, Illinois  
LaHood.house.gov

COMMITTEE ON  
WAYS AND MEANS

JOINT ECONOMIC COMMITTEE



1424 LONGWORTH HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-6201  
FAX: (202) 225-8248

**Congress of the United States**  
**House of Representatives**

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for DCFT059018 – Construct Base Civil Engineer Complex in fiscal year 2022. The entity to receive funding for this project is 183d Wing, Illinois Air National Guard, Abraham Lincoln Capital Airport, Springfield, IL, located at Camp Lincoln, 1301 N. MacArthur Blvd, Springfield, IL 62702-2399.

The funding would be used for construction of Base Civil Engineer Complex. The 183d Wing requires a properly sized and configured facility to accommodate Base Civil Engineer (BCE) Maintenance Shop requirements for administrative offices, training classrooms, squadron commander and orderly room, structural/mechanical/ electrical/pavements-equipment/utilities shops, and mobility storage of Prime BEEF assets. This also includes the BCE Maintenance shed for covered unheated storage of materials, and BCE open storage for secure uncovered storage of materials. The 183d Fighter Wing supports a Centralized Repair Facility (CRF) for jet engine depot maintenance and Component Numbered Air Force (cNAF) missions.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Darin LaHood  
Member of Congress

BLOOMINGTON DISTRICT OFFICE  
3004 G.E. ROAD, SUITE 1B  
BLOOMINGTON, IL 61704  
(309) 206-9556

JACKSONVILLE DISTRICT OFFICE  
201 WEST MORGAN STREET  
JACKSONVILLE, IL 62850  
(217) 245-1431  
FAX: (217) 243-6852

PEORIA DISTRICT OFFICE  
100 NE MONROE STREET, ROOM 100  
PEORIA, IL 61602  
(309) 671-7027  
FAX: (309) 671-7309

SPRINGFIELD DISTRICT OFFICE  
235 SOUTH SIXTH STREET  
SPRINGFIELD, IL 62701  
(217) 670-1653  
FAX: (217) 670-1806

PRINTED ON RECYCLED PAPER

**Request ID: 126**

Project Name:	The Army Research Lab's (ARL) Additive Manufacturing/Machine Learning (AM/ML) Initiative	Request Nature:	Community Project Funding
Member Name:	Lamb, Conor(D-PA)	Member's Request: (in thousands, \$000)	\$5,000
Justification:	This research aligns with the goals of the Department of Defense Additive Manufacturing Strategy.		
Project Purpose:	The Army Research Lab's (ARL) Additive Manufacturing/Machine Learning (AM/ML) initiative enables the production of high-quality AM parts with the flexibility to alter specifications to meet specific needs and use available materials from the field.		
Project City or County:	Pittsburgh	Project State:	PA
Recipient Name:	Carnegie Mellon University	Recipient Mailing Address:	5000 Forbes Avenue Pittsburgh, PA 15213

CONOR LAMB  
17TH DISTRICT, PENNSYLVANIA  
**HOUSE COMMITTEE ON VETERANS' AFFAIRS**  
SUBCOMMITTEE ON HEALTH  
SUBCOMMITTEE ON OVERSIGHT AND INVESTIGATIONS  
  
**HOUSE COMMITTEE ON SCIENCE, SPACE  
& TECHNOLOGY**  
SUBCOMMITTEE ON ENERGY  
SUBCOMMITTEE ON RESEARCH AND TECHNOLOGY  
  
**HOUSE COMMITTEE ON TRANSPORTATION  
& INFRASTRUCTURE**  
SUBCOMMITTEE ON AVIATION  
SUBCOMMITTEE ON HIGHWAYS AND TRANSIT



**Congress of the United States**  
**House of Representatives**  
Washington, DC 20515-3818

**WASHINGTON OFFICE**  
1224 LONGWORTH HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-2301

**MT. LEBANON OFFICE**  
504 WASHINGTON ROAD  
PITTSBURGH, PA 15228  
(412) 344-5583

**BEAVER COUNTY OFFICE**  
3468 BROOKHEAD ROAD, SUITE #1  
MONACA, PA 15061  
(724) 206-4860

**PENN HILLS OFFICE**  
11 DUFF ROAD, SUITE A3  
PITTSBURGH, PA 15235  
(412) 871-2060

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Army Research Lab's Additive Manufacturing Machine Learning Initiative for the fiscal year 2022. The entity to receive funding for this project is Carnegie Mellon University located at 5000 Forbes Avenue Pittsburgh, PA 15213.

The funding would be used for enabling the production of high-quality additive manufacturing parts with the flexibility to alter specifications to meet specific needs and use available materials from the field. This research aligns with the goals of the Department of Defense Additive Manufacturing Strategy.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Conor Lamb  
Member of Congress

LAMB.HOUSE.GOV

**Request ID: 120**

Project Name:	Affordable Multifunctional Aerospace Composites	Request Nature:	Community Project Funding
Member Name:	Lawson, Jr., Al(D-FL)	Member's Request: (in thousands, \$000)	\$20,000
Justification:	AFRL is aware of a small base of US universities who have gained specific knowledge in preparation of aerospace quality composite materials, and who are capable of providing pilot scale quantities to supply a strategic materials development base, and prepare a necessary future work force to sustain our nation's leadership in advanced aerospace composites and manufacturing innovations.		
Project Purpose:	): The Air Force Research Laboratory (AFRL) is in need of accelerated aerospace composite materials research and development for scale-up demonstration of strategic new structural materials integrated for fuselage, wings, empennage, and secondary structural carbon fiber reinforced polymer composites. In particular, AFRL requires innovations for highly desired affordable and multi-functional composite materials for a range of vehicle platforms critical for air and space protection. Aerospace composite materials require a specific knowledge base which is typically limited to a limited base of sophisticated material suppliers and contractors.		
Project City or County:	Tallahassee	Project State:	FL
Recipient Name:	FSU High Performance Materials Institute	Recipient Mailing Address:	2005 Levy Ave, Tallahassee, FL 32310



**AL LAWSON**  
5TH DISTRICT, FLORIDA  
ASSISTANT MAJORITY WHIP  
  
COMMITTEE ON  
FINANCIAL SERVICES  
  
COMMITTEE ON  
AGRICULTURE

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515-0905**

2437 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-0123  
(202) 225-2256 --- FAX  
  
CITY HALL  
117 W. DUVAL STREET, SUITE 240  
JACKSONVILLE, FL 32202  
(904) 354-1652  
(904) 379-0309 --- FAX  
  
435 NORTH MACOMB STREET  
TALLAHASSEE, FL 32301  
(850) 658-9450  
(850) 577-0533 --- FAX  
  
<http://www.lawson.house.gov>

Tuesday, June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers,

I am requesting funding for the development of scalable and affordable multi-functional and thermal protection aerospace composites manufacturing, which are critical to the superiority of future military components and national security in fiscal year 2022, located at the Florida State University's High Performance Materials Institute ( 2005 Levy Ave, Tallahassee, FL 32310).

The funding would be used to support The Air Force Research Laboratory (AFRL) is in need of accelerated aerospace composite materials research and development for scale-up demonstration of strategic new structural materials integrated for fuselage, wings, empennage, and secondary structural carbon fiber reinforced polymer composites. In particular, AFRL requires innovations for highly desired affordable and multi-functional composite materials for a range of vehicle platforms critical for air and space protection. Aerospace composite materials require a specific knowledge base which is typically limited to a limited base of sophisticated material suppliers and contractors. AFRL is aware of a small base of US universities who have gained specific knowledge in preparation of aerospace quality composite materials, and who are capable of providing pilot scale quantities to supply a strategic materials development base, and prepare a necessary future work force to sustain our nation's leadership in advanced aerospace composites and manufacturing innovations.

I certify that neither I nor my immediate family has any interest in this project.

Sincerely,



Al Lawson



**AL LAWSON**  
5TH DISTRICT, FLORIDA  
ASSISTANT MAJORITY WHIP

COMMITTEE ON  
FINANCIAL SERVICES

COMMITTEE ON  
AGRICULTURE

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515-0905**

2437 RAYBURN HOUSE OFFICE BUILDING  
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CITY HALL  
117 W. DUVAL STREET, SUITE 240  
JACKSONVILLE, FL 32202  
(904) 354-1652  
(904) 379-0309 --- FAX

435 NORTH MACOMB STREET  
TALLAHASSEE, FL 32301  
(850) 658-9450  
(850) 577-0633 --- FAX

<http://www.lawson.house.gov>

Member of Congress

**Request ID: 124**

Project Name:	Development of Advanced Propulsion Technologies for Hypersonic Systems	Request Nature:	Community Project Funding
Member Name:	Lawson, Jr., Al(D-FL)	Member's Request: (in thousands, \$000)	\$10,000
Justification:	The requested investment will create jobs and educational opportunities in the State of Florida while contributing to the military readiness of the United States. Our group is particularly well suited to rapidly fulfill this objective because of our long history of engaging and recruiting high-achieving students from a diverse undergraduate pool that has an impressive record of engaging women and minority students in research and advanced graduate studies. The proposed effort will be led by the team at the FAMU-FSU College of Engineering jointly run by the Florida State University (FSU) and Florida A&M University (FAMU) which is an HBCU and has established best practices for recruitment, retention and graduation of students from underrepresented groups.		
Project Purpose:	The project will focus on a critical aspect of emerging hypersonic weapon systems, for which our current knowledge base is severely lacking: the reliable identification and mitigation of risk in the propulsion and control of airbreathing and rocket-powered high-speed vehicles. As an example, a key enabling technology is supersonic inlet design suited for efficient operation over the entire flight envelope.		
Project City or County:	Tallahassee	Project State:	FL
Recipient Name:	FAMU-FSU College of Engineering	Recipient Mailing Address:	2525 Pottsdamer St, Tallahassee, FL 32310

**AL LAWSON**  
5TH DISTRICT, FLORIDA  
ASSISTANT MAJORITY WHIP

COMMITTEE ON  
FINANCIAL SERVICES

COMMITTEE ON  
AGRICULTURE

**Congress of the United States**  
**House of Representatives**  
Washington, DC 20515-0905

2437 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-0123  
(202) 225-2256 — FAX

CITY HALL  
117 W. DUVAL STREET, SUITE 240  
JACKSONVILLE, FL 32202  
(904) 354-1652  
(904) 379-0309 — FAX

435 NORTH MACOMB STREET  
TALLAHASSEE, FL 32301  
(850) 558-9450  
(850) 577-0533 — FAX

<http://www.lawson.house.gov>

Tuesday, June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers,

I am requesting funding for the reliable identification and mitigation of risk in the propulsion and control of airbreathing and rocket-powered high-speed vehicles in fiscal year 2022, located at the Florida State University and Florida Agricultural Mechanical University's College of Engineering (2525 Pottsdamer St, Tallahassee, FL 32310).

The funding would be used focus on a critical aspect of emerging hypersonic weapon systems, for which our current knowledge base is severely lacking: the reliable identification and mitigation of risk in the propulsion and control of airbreathing and rocket-powered high-speed vehicles. As an example, a key enabling technology is supersonic inlet design suited for efficient operation over the entire flight envelope.

I certify that neither I nor my immediate family has any interest in this project.

Sincerely,



Al Lawson  
Member of Congress

**Request ID: 84**

Project Name:	Directed Energy Research and Education for Workforce Development	Request Nature:	Community Project Funding
Member Name:	Leger Fernandez, Teresa(D-NM)	Member's Request: (in thousands, \$000)	\$2,500
Justification:	<p>The funding provided for the Directed Energy Center will allow UNM to boost its collaboration on Directed Energy (DE) with the Department of Defense, especially with the Directed Energy division of the Air Force Research Laboratory (AFRL) and the Joint Directed Energy Transition Office (DE-JTO). There is a growing need for enhanced collaboration between universities and defense laboratories in this area to achieve higher power and more intelligent sources of Directed Energy, which is directly tied to the national security of the United States. There is also an increasing demand for technical workforce development in this area, especially at UNM, given its proximity to the Directed Energy division at Air Force Research Laboratory. This will also feed into the pipeline in Directed Energy and related technologies at Los Alamos National Laboratory.</p>		
Project Purpose:	<p>Directed Energy (DE) lasers and microwaves are a technology that offers the ability to deliver energy to a target at the speed of light on an iterative basis. Advances in pulsed power technology, batteries, capacitors, and electronics have all contributed towards making Directed Energy a reality. The University of New Mexico (UNM) has the top University research program in DE microwaves in the country. It has just recently established a Directed Energy Center which gives equal prominence to DE lasers. This Center of Excellence is highly aligned with the Air Force Research Laboratory's Directed Energy Directorate (RD), and will train the next generation M.S. and Ph.D. workforce. This seed funding is needed to further develop the necessary research, technology, and local workforce to capitalize on the existing potential at the University of New Mexico and its branch campuses in Gallup, Taos, Los Alamos, and Valencia.</p>		
Project City or County:	Albuquerque	Project State:	NM
Recipient Name:	University of New Mexico	Recipient Mailing Address:	UNM Center for High Technology Materials 1313 Goddard SE Albuquerque, NM 87106

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Directed Energy Research and Education for Workforce Development in fiscal year 2022. The entity to receive funding for this project is the University of New Mexico, located at the University of New Mexico Center for High Technology Materials, 1313 Goddard SE, Albuquerque, NM 87106.

The funding would be used for research, development, testing, and evaluation, supporting education and workforce development, of directed energy technology. Directed energy technology offers an additional tool to the U.S. military that supports our national security mission while minimizing the need to use bombs and other potentially more destructive weapons.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in black ink, appearing to read "Teresa Leger Fernández".

Teresa Leger Fernández  
Member of Congress



**Request ID: 91**

Project Name:	Mobilizing Civilian Expertise for National Security Education on Geo-Economics, and Innovation in the Era of Great Power Competition	Request Nature:	Community Project Funding
Member Name:	Levin, Mike(D-CA)	Member's Request: (in thousands, \$000)	\$9,000
Justification:	<p>The educational system that prepares military officers and civil servants for national security and defense leadership positions must adapt to succeed in a rapidly changing world. The most pressing national security challenges of the foreseeable future relate to great power competition, which will be not just military, but also geo-economic and technological in nature, and which will be far more complex than in the past. To succeed in this environment, leaders will need a broader and more diverse set of intellectual tools than most currently possess. Preparing leaders for 21st century challenges requires developing a military/defense educational ecosystem that is deeply supported by both civilian university systems and the commercial sector.</p> <p>One training model will be to establish coordination centers in Silicon Valley and San Diego where leading industry experts would provide regular training workshops for students. These coordination centers would facilitate internships and other types of work experiences and could collaborate with existing entities with good relationships with the defense establishment.</p> <p>If San Diego serves as a coordination center, UC San Diego will be one of the leading universities for helping to educate the U.S. military in winning in peacetime without going to war or using force. It will support greater collaboration between the academic and corporate communities in San Diego, especially UC San Diego and Silicon Valley, which will help spur innovation. Finally, many of the research topics being studied will directly affect San Diego and California geo-economic trends including: geo-economic trends in the Asia-Pacific, foreign investment flows into the U.S., and building domestic U.S. innovation capacity. The research produced in this project will help policymakers and business executives in San Diego and California understand some of the looming political risk and national security trends that will significantly impact the region.</p>		
Project Purpose:	This project is intended to build a robust pipeline of intellectual talent and knowledge on geo-economics, innovation, and national security (GINS) to support the education of military officers and civil servants in the national security and defense community. A key goal is to build an academic education infrastructure to support the national security establishment in training their workforces on GINS skills. Another goal is to produce a significant body of knowledge that supports the needs of military and civilian students and faculty on GINS in the national security establishment.		
Project City or County:	La Jolla, San Diego County	Project State:	CA
Recipient Name:	University of California San Diego	Recipient Mailing Address:	9500 Gilman Drive, La Jolla, CA 92093



MIKE LEVIN  
49TH DISTRICT, CALIFORNIA



WASHINGTON OFFICE  
1626 LONGWORTH HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-3906

**Congress of the United States**  
House of Representatives  
Washington, DC 20515

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Mobilizing Civilian Expertise for National Security Education on Geo-Economics, and Innovation in the Era of Great Power Competition in fiscal year 2022. The entity to receive funding for this project is University of California San Diego, located at 9500 Gilman Drive, La Jolla, CA 92093.

The funding would be used to build a robust pipeline of intellectual talent and knowledge on geo-economics, innovation, and national security (GINS) to support the education of military officers and civil servants in the national security and defense community. A key goal is to build an academic education infrastructure to support the national security establishment in training their workforces on GINS skills. Another goal is to produce a significant body of knowledge that supports the needs of military and civilian students and faculty on GINS in the national security establishment.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in black ink that reads "Mike Levin".

MIKE LEVIN  
Member of Congress

**Request ID: 101**

Project Name:	Assessment of a National Laboratory for Transformational Computing	Request Nature:	Community Project Funding
Member Name:	Levin, Mike(D-CA)	Member's Request: (in thousands, \$000)	\$2,000
Justification:	<p>A new generation of computing technology is emerging, fueled by the development of artificial intelligence, new computing paradigms, new electronic devices, new fabrication technologies, and large, complex systems-on-a-chip and systems-in-a-package. In reality, we are entering a new "golden age" for computing that will extend the ongoing, exponential growth in computational capabilities for decades to come. While it still maintains advanced R&amp;D capabilities, the United States has lost the ability to create system scale prototypes employing new materials, devices, architectures and systems at state-of-the-art semiconductor process nodes and computing system designs. This inability to make system scale prototypes prevents the translation and exploitation of our strong R&amp;D for commercial and national defense needs. Currently these capabilities are maintained outside the U.S., at institutions like the Taiwan Semiconductor Research Institute and IMEC (Belgium). In addition, as our ability to continue simply shrinking transistor sizes comes to an end, the motivation and need to exploit new technologies will mushroom, but only those countries that have positioned themselves for leadership will reap the corresponding benefits of these new technologies. A National Laboratory for Transformational Computing will position the U.S. for leadership in the next generation of computing, without which such leadership will continue to be passed to Taiwan, Korea and China. Strong government support and leadership is required to prevent a repeat of the failures at Sematech, in which a consortium of competing industry partners were unable to align their interests and invest in long term outcomes. The success of TSMC (Taiwan) is tied to a strong public-private partnership focused on semiconductors that has been sustained for decades. Existing national laboratories in the U.S. currently lack the focus, resources and mission to serve the national interest in this domain. While the realization of a new National Laboratory for Transformational Computing will almost certainly involve a competitive process for its location and management, a location in Southern California would be very attractive given the strength of the computing industry in the state, the strength of its regional universities, and the proximity to semiconductor manufacturing sites in Arizona.</p>		
Project Purpose:	<p>This project will develop recommendations for a national microelectronics fabrication and design center, called the National Laboratory for Transformational Computing, that will translate basic research and development (R&amp;D) within the U.S. to next generation semiconductor chips and computing systems and serve as a trusted fabricator for the U.S. government. The U.S. faces a crucial set of challenges regarding access to state-of-the-art semiconductor products and their future development. Intel has lost its leadership position to TSMC and Samsung, and the Chinese government is investing heavily in the development of semiconductor fabrication and R&amp;D. These trends substantially threaten US economic development, national security, and global competitive stature. This challenge is recognized in the FY2021 NDAA, Sec. 276, which calls for "an assessment of the feasibility, usefulness, efficacy, and cost of developing a national laboratory exclusively focused on the research and development of microelectronics." Primary deliverables will be a report and roadmap detailing the development of the national laboratory and the education of decision makers regarding the findings and recommendations. The project will address not only the interests of the Department of Defense as outlined in the FY2021 NDAA, but also other government, industrial and academic partners.</p>		
Project City or County:	La Jolla, San Diego County	Project State:	CA
Recipient Name:	University of California San Diego	Recipient Mailing Address:	9500 Gilman Drive, La Jolla, CA 92093

MIKE LEVIN  
49TH DISTRICT, CALIFORNIA



WASHINGTON OFFICE  
1626 LONGWORTH HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-3906

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515**

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Assessment of a National Laboratory for Transformational Computing in fiscal year 2022. The entity to receive funding for this project is University of California San Diego, located at 9500 Gilman Drive, La Jolla, CA 92093.

The funding would be used to develop recommendations for a national microelectronics fabrication and design center, called the National Laboratory for Transformational Computing, that will translate basic research and development (R&D) within the U.S. to next generation semiconductor chips and computing systems and serve as a trusted fabricator for the U.S. government. The U.S. faces a crucial set of challenges regarding access to state-of-the-art semiconductor products and their future development. Intel has lost its leadership position to TSMC and Samsung, and the Chinese government is investing heavily in the development of semiconductor fabrication and R&D. These trends substantially threaten US economic development, national security, and global competitive stature. This challenge is recognized in the FY2021 NDAA, Sec. 276, which calls for "an assessment of the feasibility, usefulness, efficacy, and cost of developing a national laboratory exclusively focused on the research and development of microelectronics."

Primary deliverables will be a report and roadmap detailing the development of the national laboratory and the education of decision makers regarding the findings and recommendations. The project will address not only the interests of the Department of Defense as outlined in the FY2021 NDAA, but also other government, industrial and academic partners.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in black ink that reads "Mike Levin".

MIKE LEVIN  
Member of Congress

**Request ID: 118**

Project Name:	Planning & Design Funding for Virginia Army National Guard Army Aviation Support Facility Relocation. "Aircraft Maintenance Hangar- Sandston, Virginia"	Request Nature:	Community Project Funding
Member Name:	McEachin, A. Donald(D-VA)	Member's Request: (in thousands, \$000)	\$5,805
Justification:	The proposal is supported by the Governor of Virginia, Ralph Northam, as well as the Capital Region Airport Commission, and the Virginia State Police.		
Project Purpose:	<p>This request is for \$5.805 million in Planning &amp; Design funds for the completion of project planning &amp; design for a relocated Virginia National Guard (VNG) Army Aviation Support Facility (AASF) in Sandston, VA. The lease for the existing, inadequate facility expires in 2032 and will not be renewed due to the Richmond International Airport Authority's runway extension project that will be constructed over the current AASF site. Other leased land is prohibitively expensive (\$2.7 million/year) and no other DoD aviation facilities are available in Virginia to support the requirement. If a replacement facility is not constructed, the Commonwealth will be unable to meet maintenance and sustainment requirements directly resulting in the loss and relocation of these aircraft and units out of the Virginia Army National Guard force structure and to another state that is able to provide the requisite readiness and support.</p> <p>The VNG-AASF project is the construction of a 228,080 SQFT Army National Guard AASF and supporting facilities that directly enables training, administrative, operational, and logistical requirements for the Virginia Army National Guard Army Aviation mission. This facility will be built on federally owned land licensed to the Commonwealth of Virginia for Virginia Army National Guard use (Current Mission). The AASF Project civil design is currently underway utilizing state funding with Federal Phase I planning &amp; design funding programmed for FY22 for the Phase I MILCON project that is on the FYDP for FY24. Due to the criticality of this project, it is also under consideration for full funding as a Critical Un-Funded Requirement (CUFR) in the out years. Completing a 100% design would facilitate this most efficient and least costly solution.</p>		
Project City or County:	Sandston	Project State:	VA
Recipient Name:	Aircraft Maintenance Hangar- Sandston, Virginia	Recipient Mailing Address:	700 Portugee Road Sandston, VA 23150

**A. DONALD MCEACHIN**

4TH DISTRICT, VIRGINIA

**WASHINGTON OFFICE**

314 CANNON HOUSE OFFICE BUILDING  
WASHINGTON, D.C. 20515  
(202) 225-6365

**RICHMOND DISTRICT OFFICE**

110 N. ROBINSON ST. SUITE 403  
RICHMOND, VA 23220  
(804) 486-1840

**SUFFOLK DISTRICT OFFICE**

131 N. SARATOGA STREET, SUITE B  
SUFFOLK, VA 23434  
(757) 942-6050



**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515-4604**

**COMMITTEE ON ENERGY AND  
COMMERCE**

COMMUNICATIONS AND TECHNOLOGY  
SUBCOMMITTEE  
ENERGY SUBCOMMITTEE  
ENVIRONMENT AND CLIMATE CHANGE  
SUBCOMMITTEE

**COMMITTEE ON NATURAL RESOURCES**

ENERGY AND MINERAL RESOURCES  
SUBCOMMITTEE  
OVERSIGHT AND INVESTIGATIONS  
SUBCOMMITTEE

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Virginia Army National Guard Army Aviation Support Facility Relocation in fiscal year 2022. The entity to receive funding for this project is the Virginia Army National Guard Aircraft Maintenance Hangar – Sandston Virginia located at 700 Portugee Road, Sandston, VA 23150.

The funding would be used for the completion of project planning & design for a relocated Virginia National Guard (VNG) Army Aviation Support Facility (AASF) in Sandston, VA. The lease for the existing, inadequate facility expires in 2032 and will not be renewed due to the Richmond International Airport Authority's runway extension project that will be constructed over the current AASF site. If a replacement facility is not constructed, the Commonwealth will be unable to meet maintenance and sustainment requirements.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A. Donald McEachin  
Member of Congress

**Request ID: 67**

Project Name:	Novel Analytical and Empirical Approaches to the Prediction and Monitoring of Disease Transmission	Request Nature:	Community Project Funding
Member Name:	Nadler, Jerrold(D-NY)	Member's Request: (in thousands, \$000)	\$1,500
Justification:	Global health and economic security have greatly suffered during the global COVID-19 pandemic, and the federal government has now spent trillions in response. In addition to helping to protect defense personnel, AMNH's critical research could be adapted for various government and public health uses to better track the spread of new COVID-19 strains and other pathogens that threaten the American and global populations, saving military and civilian lives and mitigating the need for costly government response.		
Project Purpose:	<p>Leveraging a multi-faceted research and computational partnership with DoD, the American Museum of Natural History has been conducting research through its Institute for Comparative Genomics that directly relates to Defenses Sciences' goals by increasing our capacity to predict where disease outbreaks might occur and to effectively monitor disease-causing agents and their global spread, an endeavor vital for national security and to protect our troops against the spread of infectious disease.</p> <p>The Museum proposes to respond to this interest with an integrated suite of science-based research and programs that will support (1) identifying where disease outbreaks are likely to occur; (2) how diseases could be spread on a mass scale; (3) how animals, like bats, factor into disease spread or (4) how military can protect their troops against spread of human infectious disease.</p>		
Project City or County:	New York	Project State:	NY
Recipient Name:	American Museum of Natural History	Recipient Mailing Address:	200 Central Park West, New York, NY 10024



**JERROLD NADLER**  
10TH DISTRICT, NEW YORK



**JUDICIARY COMMITTEE**  
CHAIRMAN

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515**

NADLER.HOUSE.GOV

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for a multi-faceted research and computational partnership with the Institute for Comparative Genomics for fiscal year 2022. The entity to receive funding for this project is the American Museum of Natural History, located at 200 Central Park West, New York, NY 10024.

The funding would be used for research to improve our capacity to predict where disease outbreaks might occur and to effectively monitor disease-causing agents and their global spread, an endeavor vital for national security and to protect our troops against the spread of infectious disease.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Jerrold Nadler  
Member of Congress

REPLY TO:

□ WASHINGTON OFFICE:  
2132 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-5635

□ DISTRICT OFFICE:  
201 VARICK STREET  
SUITE 609  
NEW YORK, NY 10014  
(212) 367-7350

□ DISTRICT OFFICE:  
6605 FT. HAMILTON PARKWAY  
BROOKLYN, NY 11219  
(718) 373-3198



Request ID: 90			
Project Name:	P1231 - Wastewater Treatment Plant, MCAGCC 29 Palms, CA	Request Nature:	Community Project Funding
Member Name:	Obernalte, Jay(R-CA)	Member's Request: (in thousands, \$000)	\$45,000
Justification:	This project is supported by the Administration through its inclusion on the unfunded priorities list. The shortfall in authorized spending levels was not discovered or reported until after the FY22 budget request was finalized, but it continues to be a priority for the Marine Corps. In addition to the support the project has locally, the surrounding community also supports the request due to the desire to collaborate with the base on a joint use facility once constructed.		
Project Purpose:	MCAGCC received authorization and appropriations for the replacement of the aging wastewater treatment facility at the base in the FY21 NDAA and Consolidated Appropriations Acts, respectively. Unfortunately, additional funding is needed to complete the construction of the MCAGCC facility. The City of Twentynine Palms is also exploring building a wastewater treatment facility to meet off base needs. Rather than building two separate facilities, the entities are working together on a design for a modular wastewater facility that would be initially constructed by the Marine Corps Base with capacity added in the future by the City. Long term planning between the City and the Base would call for operations to be undertaken by the City to provide joint wastewater treatment at reduced O&M costs for both. We would also appreciate the following report language to accompany the request: Wastewater Treatment Plant, MCAGCC 29 Palms, CA. – The Committee provides \$45,000,000 as requested in the FY22 Marine Corps Unfunded Priority List for the Wastewater Treatment Plant, MCAGCC, 29 Palms, California. The Committee commends the Marine Corps base and City of Twentynine Palms for working collaboratively on a joint use project and encourages the Marine Corps to work with the City for the adoption of a memorandum of understanding for its long-term operations.		
Project City or County:	Twentynine Palms	Project State:	CA
Recipient Name:	MCAGCC 29 Palms	Recipient Mailing Address:	Box 78104, MCAGCC, MAGTFTC Twentynine Palms, CA 92278-8104

JAY OBERNOLTE  
EIGHTH DISTRICT, CALIFORNIA

COMMITTEE ON SCIENCE, SPACE,  
AND TECHNOLOGY  
INVESTIGATIONS AND OVERSIGHT, RANKING  
MEMBER

COMMITTEE ON NATURAL  
RESOURCES  
INDIGENOUS PEOPLES OF THE UNITED STATES  
NATIONAL PARKS, FORESTS, AND PUBLIC LANDS

COMMITTEE ON THE BUDGET



Congress of the United States  
House of Representatives

June 15, 2021

WASHINGTON, D.C. OFFICE:  
1029 LONGWORTH HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
TELEPHONE: (202) 225-5861

DISTRICT OFFICE:  
9700 SEVENTH AVE., SUITE 201  
HESPERIA, CA 92345  
TELEPHONE: (760) 247-1815

E-MAIL VIA WEBSITE:  
<http://obernolte.house.gov>

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

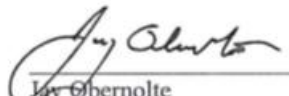
Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Wastewater Treatment Plant, MCAGCC 29 Palms, CA in fiscal year 2022. The entity to receive funding for this project is MCAGCC 29 Palms, located at Box 78104, MCAGCC, MAGTFTC Twentynine Palms, CA 92278-8104.

The funding would be used for the replacement of the aging wastewater treatment facility at the Marine Corps Air Ground Combat Center, Twentynine Palms.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

  
Jay Obernolte  
Member of Congress

**Request ID: 128**

Project Name:	281703 Maneuver Area Training Equipment Site (MATES) Project	Request Nature:	Community Project Funding
Member Name:	Palazzo, Steven M.(R-MS)	Member's Request: (in thousands, \$000)	\$16,000
Justification:	<p>There are 24 MATES facilities within the DoA. The Camp Shelby MATES employs 160 employees and maintains over 1200 pieces of equipment making it the largest operation in terms of personnel and equipment. The Camp Shelby MATES site employs more personnel and maintains more equipment than any other MATES facility within the DoD system. These factors make the Camp Shelby MATES site unique due to the ability to provide unparalleled customer service and superior Operational Readiness (OR) rates for combat units.</p> <p>Camp Shelby MATES was built in early 1980s and designed to support wheeled and smaller armored vehicles.</p> <p>Current design limits work area, work throughput, and poses potential safety issues.</p> <p>The current MATES facility, located at Camp Shelby, Mississippi has a requirement to store two Armored Brigade Combat Teams (ABCT) equipment, supporting 2,036 tracked and wheeled vehicles. The MATES shop was constructed in 1984 and does not meet current criteria to support the maintenance requirements of these two ABCT's. Currently, the maintenance bay area is only 44% of authorized space as determined as per RPLANS. The facility requires overhead cranes rated to 30 tons, to support the M1 series vehicles. Also, the current bay configuration does not allow for adequate space to conduct maintenance on the M88. This MATES facility has one of the largest assigned equipment densities in the nation but has minimal capacity to support the Army's Two level Maintenance Program.</p> <p>The construction of these 12 M1A1 compatible bays would ensure the readiness of National Guard units in Mississippi, Tennessee, and Alabama.</p>		
Project Purpose:	<p>The current Camp Shelby MATES facility was built in 1984 and was designed to handle wheeled and older (smaller) models of armored vehicles. The current design and size is not adequate for volume of work and bay size for maintenance support. There is an urgent need to expand the number of work bays that meet the current requirements. This project would construct 52,838 sq ft of maintenance training bays and supporting facilities, replacing temporary facilities that are currently being utilized to maintain the equipment that supports the readiness of two heavy brigade combat teams (100% of the 155th ABCT (MS) combat platforms, approximately 50% of the 278th ACR (TN) combat platforms, and 100% of the 31stCBRN BDE (AL) Stryker platforms).</p>		
Project City or County:	Camp Shelby	Project State:	MS
Recipient Name:	Mississippi Army National Guard	Recipient Mailing Address:	1001 Lee Avenue Camp Shelby, MS 39407

STEVEN M. PALAZZO  
4<sup>TH</sup> DISTRICT, MISSISSIPPI

ASSISTANT REPUBLICAN WHIP

HOUSE COMMITTEE ON  
APPROPRIATIONS  
SUBCOMMITTEE ON COMMERCE, JUSTICE, AND  
SCIENCE  
SUBCOMMITTEE ON HOMELAND SECURITY

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515-2404**

June 17, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Mobilization and Annual Training Equipment Site (MATES) Facility Project in fiscal year 2022. The entity to receive funding for this project is the Mississippi National Guard, Camp Shelby located at 1001 Lee Avenue, Camp Shelby, MS 39407.

The funding would be used to construct 52,838 sq ft of maintenance training bays and supporting facilities. The project will replace temporary facilities that include k-spans and tents that are currently being utilized to maintain equipment that supports 2 heavy brigade combat teams. The existing facilities are inadequately sized based on workload and equipment sets currently based at National Guard Mobilization Force Generation Installations.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,



Steven M. Palazzo  
Member of Congress

SP/ah  
WASHINGTON, DC  
2349 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
PHONE: (202) 225-5772  
FAX: (202) 225-7074

GULFPORT:  
84 48TH STREET  
GULFPORT, MS 39507  
PHONE: (228) 864-7670  
FAX: (228) 864-3099

HATTIESBURG:  
641 MAIN STREET, SUITE 142  
HATTIESBURG, MS 39401  
PHONE: (601) 582-3246  
FAX: (601) 582-3452

[www.palazzo.house.gov](http://www.palazzo.house.gov)

**Request ID: 66**

Project Name:	SOF Basic Training Command (P855), Coronado, CA	Request Nature:	Community Project Funding
Member Name:	Peters, Scott H.(D-CA)	Member's Request: (in thousands, \$000)	\$20,500
Justification:	Supports selection, training, and qualifying candidates to become SEALs and Special Warfare Combatant-Craft Crewmen (SWCC).		
Project Purpose:	Constructs, renovates, and demolishes facilities to support development of the Naval Special Warfare Center (NSWC) Basic Training Command Schoolhouse on the Oceanside of Naval Amphibious Base Coronado.		
Project City or County:	San Diego	Project State:	CA
Recipient Name:	Naval Amphibious Base Coronado	Recipient Mailing Address:	Naval Special Warfare Command, 2000 Trident Way Bldg. 624, San Diego, CA 92155-5599

**SCOTT H. PETERS**  
52<sup>ND</sup> DISTRICT, CALIFORNIA



1201 LONGWORTH HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-0508

4350 EXECUTIVE DRIVE, SUITE 105  
SAN DIEGO, CA 92121  
(858) 455-5550

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515**

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding to support development of the Naval Special Warfare Center Basic Training Command Schoolhouse on the Oceanside of Naval Amphibious Base Coronado in fiscal year 2022. The entity to receive funding for this project is located at Naval Special Warfare Command, 2000 Trident Way, Bldg. 624, San Diego, CA 92155.

The funding would construct, renovate, and demolish facilities to support development of the Naval Special Warfare Center (NSWC) Basic Training Command Schoolhouse on the Oceanside of Naval Amphibious Base Coronado. Naval Special Warfare Center will continue to share an undersized facility with Special Boat Team TWELVE (SBT12) on the bayside of Naval Amphibious Base Coronado. This would inhibit the ability Naval Special Warfare Center Medical to consolidate its Behavioral Health Unit and force Naval Special Warfare Orientation to move into obsolete facilities to accommodate the increase in combatant craft.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink, appearing to read "Scott Peters".

SCOTT H. PETERS  
Member of Congress

**Request ID: 61**

<b>Project Name:</b>	Assessment of a National Laboratory for Transformational Computing	<b>Request Nature:</b>	Community Project Funding
<b>Member Name:</b>	Peters, Scott H.(D-CA)	<b>Member's Request: (in thousands, \$000)</b>	\$2,000
<b>Justification:</b>	<p>A new generation of computing technology is emerging, fueled by the development of artificial intelligence, new computing paradigms, new electronic devices, new fabrication technologies, and large, complex systems-on-a-chip and systems-in-a-package. In reality, we are entering a new "golden age" for computing that will extend the ongoing, exponential growth in computational capabilities for decades to come. While it still maintains advanced R&amp;D capabilities, the United States has lost the ability to create system scale prototypes employing new materials, devices, architectures and systems at state-of-the-art semiconductor process nodes and computing system designs. This inability to make system scale prototypes prevents the translation and exploitation of our strong R&amp;D for commercial and national defense needs. Currently these capabilities are maintained outside the U.S., at institutions like the Taiwan Semiconductor Research Institute and IMEC (Belgium). In addition, as our ability to continue simply shrinking transistor sizes comes to an end, the motivation and need to exploit new technologies will mushroom, but only those countries that have positioned themselves for leadership will reap the corresponding benefits of these new technologies. A National Laboratory for Transformational Computing will position the U.S. for leadership in the next generation of computing, without which such leadership will continue to be passed to Taiwan, Korea and China. Strong government support and leadership is required to prevent a repeat of the failures at Sematech, in which a consortium of competing industry partners were unable to align their interests and invest in long term outcomes. The success of TSMC (Taiwan) is tied to a strong public-private partnership focused on semiconductors that has been sustained for decades. Existing national laboratories in the U.S. currently lack the focus, resources and mission to serve the national interest in this domain. While the realization of a new National Laboratory for Transformational Computing will almost certainly involve a competitive process for its location and management, a location in Southern California would be very attractive given the strength of the computing industry in the state, the strength of its regional universities, and the proximity to semiconductor manufacturing sites in Arizona.</p>		
<b>Project Purpose:</b>	<p>This project will develop recommendations for a national microelectronics fabrication and design center, called the National Laboratory for Transformational Computing, that will translate basic research and development (R&amp;D) within the U.S. to next generation semiconductor chips and computing systems and serve as a trusted fabricator for the U.S. government. The U.S. faces a crucial set of challenges regarding access to state-of-the-art semiconductor products and their future development. Intel has lost its leadership position to TSMC and Samsung, and the Chinese government is investing heavily in the development of semiconductor fabrication and R&amp;D. These trends substantially threaten US economic development, national security, and global competitive stature. This challenge is recognized in the FY2021 NDAA, Sec. 276, which calls for "an assessment of the feasibility, usefulness, efficacy, and cost of developing a national laboratory exclusively focused on the research and development of microelectronics."</p> <p>Primary deliverables will be a report and roadmap detailing the development of the national laboratory and the education of decision makers regarding the findings and recommendations. The project will address not only the interests of the Department of Defense as outlined in the FY2021 NDAA, but also other government, industrial and academic partners.</p>		
<b>Project City or County:</b>	La Jolla, San Diego County	<b>Project State:</b>	CA
<b>Recipient Name:</b>	University of California San Diego	<b>Recipient Mailing Address:</b>	9500 Gilman Drive, La Jolla, CA 92093



**SCOTT H. PETERS**  
52<sup>ND</sup> DISTRICT, CALIFORNIA



1201 LONGWORTH HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-0508

4350 EXECUTIVE DRIVE, SUITE 105  
SAN DIEGO, CA 92121  
(858) 455-5550

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515**

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for an Assessment of a National Laboratory for Transformational Computing in fiscal year 2022. The entity to receive funding for this project is the University of California at San Diego, located at 9500 Gilman Drive, La Jolla, California, 92093.

The funding would be used for developing recommendations for a national microelectronics fabrication and design center, called the National Laboratory for Transformational Computing, that will translate basic research and development (R&D) within the U.S. to next generation semiconductor chips and computing systems and serve as a trusted fabricator for the U.S. government. Primary deliverables will be a report and roadmap detailing the development of the national laboratory and the education of decision makers regarding the findings and recommendations. The project will address not only the interests of the Department of Defense, but also other government, industrial and academic partners.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink, appearing to read "Scott Peters".

SCOTT H. PETERS  
Member of Congress

**Request ID: 88**

Project Name:	Mobilizing Civilian Expertise for National Security Education on Geo-Economics, and Innovation in the Era of Great Power Competition	Request Nature:	Community Project Funding
Member Name:	Peters, Scott H.(D-CA)	Member's Request: (in thousands, \$000)	\$9,000
Justification:	<p>The educational system that prepares military officers and civil servants for national security and defense leadership positions must adapt to succeed in a rapidly changing world. The most pressing national security challenges of the foreseeable future relate to great power competition, which will be not just military, but also geo-economic and technological in nature, and which will be far more complex than in the past. To succeed in this environment, leaders will need a broader and more diverse set of intellectual tools than most currently possess. Preparing leaders for 21st century challenges requires developing a military/defense educational ecosystem that is deeply supported by both civilian university systems and the commercial sector.</p> <p>One training model will be to establish coordination centers in Silicon Valley and San Diego where leading industry experts would provide regular training workshops for students. These coordination centers would facilitate internships and other types of work experiences and could collaborate with existing entities with good relationships with the defense establishment.</p> <p>If San Diego serves as a coordination center, UC San Diego will be one of the leading universities for helping to educate the U.S. military in winning in peacetime without going to war or using force. It will support greater collaboration between the academic and corporate communities in San Diego, especially UC San Diego and Silicon Valley, which will help spur innovation. Finally, many of the research topics being studied will directly affect San Diego and California geo-economic trends including: geo-economic trends in the Asia-Pacific, foreign investment flows into the U.S., and building domestic U.S. innovation capacity. The research produced in this project will help policymakers and business executives in San Diego and California understand some of the looming political risk and national security trends that will significantly impact the region.</p>		
Project Purpose:	This project is intended to build a robust pipeline of intellectual talent and knowledge on geo-economics, innovation, and national security (GINS) to support the education of military officers and civil servants in the national security and defense community. A key goal is to build an academic education infrastructure to support the national security establishment in training their workforces on GINS skills. Another goal is to produce a significant body of knowledge that supports the needs of military and civilian students and faculty on GINS in the national security establishment.		
Project City or County:	La Jolla, San Diego County	Project State:	CA
Recipient Name:	University of California San Diego	Recipient Mailing Address:	9500 Gilman Drive, La Jolla, CA 92093

**SCOTT H. PETERS**  
52<sup>ND</sup> DISTRICT, CALIFORNIA



1201 LONGWORTH HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-0508

4350 EXECUTIVE DRIVE, SUITE 105  
SAN DIEGO, CA 92121  
(858) 455-5550

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515**

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the “Mobilizing Civilian Expertise for National Security Education on Geo-Economics, and Innovation in the Era of Great Power Competition” project in fiscal year 2022. The entity to receive funding for this project is the University of California at San Diego, located at 9500 Gilman Drive, La Jolla, California 92093.

The funding is would build a pipeline of intellectual talent and knowledge on geo-economics, innovation, and national security (GINS) to support the education of military officers and civil servants in the national security and defense community. A key goal is to build an academic education infrastructure to support the national security establishment in training their workforces on GINS skills. Another goal is to produce a significant body of knowledge that supports the needs of military and civilian students and faculty on GINS in the national security establishment. This project would help the educational system better prepare select individuals in the national security and defense community lead in an era of great power competition.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Scott Peters', written over a horizontal line.

SCOTT H. PETERS  
Member of Congress

**Request ID: 127**

Project Name:	Anniston Army Depot Welding Facility	Request Nature:	Community Project Funding
Member Name:	Rogers, Mike(R-AL)	Member's Request: (in thousands, \$000)	\$25,000
Justification:	<p>This project supports the rebuilding of combat vehicles including the M1, M88, M109, M9ACE, FAASV, ABV, M113, OSV, Stryker, and JAB. Welding operations currently occupy a significant portion (47,000 square feet) of Building 400 that should instead be used for ANAD's primary combat vehicle reassembly operations to include both hull and turrets.</p> <p>The repair of combat vehicles (1,449 vehicles projected to be reworked in Bldg. 400 throughout FY18/19) will continue to be negatively impacted by inadequate facilities and the inefficiencies that result from having welding co-located within disassembly/assembly areas. These impacts will continue to affect ANAD's ability to deliver these weapons systems to program customers, which include the US Army, US Marine Corps, US Army Reserve, US National Guard, European Reassurance Initiative (ERI), 15th Armored Brigade Combat Team (ACBT), 16th ACBT, and 30MM STRYKER, and Foreign Military Sales. Based on current and projected throughput for the currently available 193,000 square feet of disassembly/assembly space in Bldg. 400, if welding operations could vacate the space they currently occupy, this would equate to an increase capacity of approximately 170 armored vehicles delivered to our warfighters per year.</p> <p>Failure to fund this project continues to place the Department of Defense at high-risk by exposing non-welding personnel to toxic cadmium dust and fumes welding operations. Improvement of these facilities is necessary to decrease the Department of Defense environmental footprint. This project will leverage the modern heating and ventilating capabilities of the new facility to meet OSHA and other regulatory requirements for industrial facilities. ANAD will not be able to implement these improvements without this project and will also continue to execute other welding operations in the substandard Building 434.</p>		
Project Purpose:	<p>Construct a Welding Facility for the welding functions currently housed in Building 400 (Primary Anniston Army Depot (ANAD) Disassembly/Reassembly Building). The building will be prefabricated steel structure clad with reinforced concrete wall panels, and metal roof. Facility layout will include work areas for Component and Hull welding operations, climate controlled administrative offices, locker rooms and showers designed for clean/dirty for both men and women. The facility will include all required building systems such as OSHA mandated ventilation systems, work area lighting, fire alarm systems, energy management control system interface, safety showers, eye lavage, fire suppression systems, and information systems. Supporting facilities will include underground electrical service, water service, sewer service, natural gas service, laydown/staging area, storm drainage, and site improvements. Administrative and restroom/lockers areas shall comply with ADA requirements. Project also includes relocation of existing serviceable welding equipment to the new facility. Demolition of two buildings (14,389 Total SF) and relocation of the fueling station. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Demolish 2 buildings at Anniston Army Depot, AL (14,389 Total SF). Air Conditioning (Estimated 32 Tons).</p>		
Project City or County:	Anniston	Project State:	AL
Recipient Name:	Anniston Army Depot	Recipient Mailing Address:	7 Frankford Ave Anniston, AL 36201

**MIKE ROGERS**

3RD DISTRICT, ALABAMA

2469 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515-0103  
PHONE: (202) 225-3261  
FAX: (202) 226-8485

[www.mikerogers.house.gov](http://www.mikerogers.house.gov)



**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515-0103**

**ARMED SERVICES COMMITTEE**

**RANKING MEMBER**

**ASSISTANT REPUBLICAN WHIP**

June 17<sup>th</sup>, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Anniston Army Depot Welding Facility in fiscal year 2022.  
The entity to receive funding for this project is Anniston Army Depot, located at 7 Frankford  
Ave, Anniston, AL 36201.

The funding would be used to build a welding facility.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Mike Rogers  
Member of Congress

149 EAST HAMRIC DRIVE, SUITE D  
OXFORD, ALABAMA 36203  
PHONE: (256) 238-5655  
FAX: (256) 237-9203

G.W. FEDERAL BUILDING  
701 AVENUE A  
SUITE 300  
OPELIKA, ALABAMA 36801  
PHONE: (334) 745-6221  
FAX: (334) 742-0109

**Request ID: 52**

Project Name:	P021 - Lighterage and Small Craft Facility	Request Nature:	Community Project Funding
Member Name:	Rutherford, John H.(R-FL)	Member's Request: (in thousands, \$000)	\$69,400
Justification:	Completion of this project will support more efficient execution of INLS maintenance processes by providing the necessary infrastructure upgrades to BICmd facilities. Additional benefits include decreasing the reliance on commercial shipyards, the efficiencies gained in not relying on MSC vessels to lift INLS in/out of the slipway, and the replacement of the current sub-optimal moorings.		
Project Purpose:	Blount Island Command (BICmd) is the hub of the Marine Corps prepositioning program. Currently, Marine Corps Support Facility Blount Island (MCSF-BI) has no inherent waterfront capability to support lighterage maintenance although BICmd provides maintenance and stewardship for 72% of all Improved Navy Lighterage System (INLS) in service. All watercraft requiring maintenance, repair, and upgrades must be transported via water offsite to shipyards in the Jacksonville area, incurring \$2.1 million in additional annual costs. A combination of a straddle lift, a transporter, and ships cranes are used to lift lighterage components into and out of the water. The current maintenance process is not efficient, has external dependencies, and creates additional cost. Completion of this project will support more efficient execution of INLS maintenance processes by providing the necessary infrastructure upgrades to BICmd facilities. Additional benefits include decreasing the reliance on commercial shipyards, the efficiencies gained in not relying on MSC vessels to lift INLS in/out of the slipway, and the replacement of the current sub-optimal moorings.		
Project City or County:	Jacksonville	Project State:	FL
Recipient Name:	Marine Corps Support Facility Blount Island	Recipient Mailing Address:	Marine Corps Support Facility Blount Island, Jacksonville FL



JOHN H. RUTHERFORD  
4TH DISTRICT, FLORIDA

COMMITTEE ON  
APPROPRIATIONS

**Congress of the United States**  
**House of Representatives**  
Washington, DC 20515-0904

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the P021 Lighterage and Small Craft Facility in fiscal year 2022. The entity to receive funding for this project is Marine Corps Support Facility Blount Island, located at 5880 Channel View Blvd, Jacksonville, FL 32226.

Blount Island Command (BICmd) is the hub of the Marine Corps' prepositioning program. Currently, Marine Corps Support Facility Blount Island (MCSF-BI) has no inherent waterfront capability to support lighterage maintenance although BICmd provides maintenance and stewardship for 72% of all Improved Navy Lighterage System (INLS) in service. All watercraft requiring maintenance, repair, and upgrades must be transported via water offsite to shipyards in the Jacksonville area, incurring \$2.1 million in additional annual costs. A combination of a straddle lift, a transporter, and ship's cranes are used to lift lighterage components into and out of the water. The current maintenance process is not efficient, has external dependencies, and creates additional cost.

The funding would be used to support more efficient execution of INLS maintenance processes by providing the necessary infrastructure upgrades to BICmd facilities. Additional benefits include decreasing the reliance on commercial shipyards, the efficiencies gained in not relying on MSC vessels to lift INLS in/out of the slipway, and the replacement of the current sub-optimal moorings.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,



John H. Rutherford  
Member of Congress

1711 LONGWORTH HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-2501

4130 SALISBURY ROAD  
SUITE 2500  
JACKSONVILLE, FL 32216  
(904) 831-5205

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**Request ID: 45**

Project Name:	Youngstown Air Reserve Station Assault Strip Widening	Request Nature:	Community Project Funding
Member Name:	Ryan, Tim(D-OH)	Member's Request: (in thousands, \$000)	\$8,700
Justification:	Investment in the long-term success of YARS is an investment in the future of the Mahoning Valley. YARS is the largest employer in Trumbull County and the third largest in the Mahoning Valley behind Mercy Health and Youngstown State University. YARS employs over 2,000 people, with 1,440 of them reservists and active duty. Reservists come to train at the base from 25 states with 70 percent living within 70 miles of the base. The base's economic impact on the area in FY20 was \$137.3 million, up from \$115 million in FY19 and \$90 million in FY15. For FY20, that includes \$103.1 million in annual payroll to Valley residents and over \$17 million in local expenditures.		
Project Purpose:	The Youngstown Air Reserve Air Station (YARS) is home to the 910th Airlift Wing, DoD's only large-area, fixed-wing aerial spray unit. This construction project will widen the assault runway/taxiway necessary to support C-17 and C-130 aircraft. Widening the assault runway will allow it to conform to a properly designed drainage/underdrainage layer, a non-frost susceptible subgrade, and an overrun/shoulder connecting to the airfield storm water system in accordance with EPA environmental requirements and Executive Orders prioritizing environmental sustainability. The existing runway needs to be repaired and expanded to meet mission requirements. All crew members are required to complete qualifications training and mission certificate training on tactical landing zones. The runway currently has limited capabilities and is not in condition for the current or future missions. Without this project, the 910th and nearby Air Force bases in the region would be forced to travel long distances to be able to train on a landing zone capable of supporting this aircraft size. To keep the training available and within a reasonable distance, the current assault strip must be widened to support mission requirements.		
Project City or County:	Vienna	Project State:	OH
Recipient Name:	Youngstown Air Reserve Station	Recipient Mailing Address:	549 Pine Street Robins AFB, GA 31098

1126 LONGWORTH BUILDING  
WASHINGTON, DC 20515  
202-225-5261  
202-225-3719 FAX



**TIM RYAN**  
CONGRESS OF THE UNITED STATES  
13TH DISTRICT, OHIO

COMMITTEE ON APPROPRIATIONS  
LEGISLATIVE BRANCH SUBCOMMITTEE  
CHAIRMAN

DEFENSE SUBCOMMITTEE  
VICE CHAIRMAN

ENERGY AND WATER  
DEVELOPMENT, AND  
RELATED AGENCIES SUBCOMMITTEE

June 3, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, DC 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, DC 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting \$8,700,000 for the Youngstown Air Reserve Station.

The entity to receive this funding is the Air Force Reserve, located at 549 Pine Street, Robins AFB, GA 31098. The physical location of the project, Youngstown Air Reserve Station, is 3976 King Graves Road, Vienna, OH 44473.

The Youngstown Air Reserve Air Station (YARS) is home to the 910th Airlift Wing, DoD's only large-area, fixed-wing aerial spray unit. This construction project will widen the assault runway/taxiway necessary to support C-17 and C-130 aircraft. Widening the assault runway will allow it to conform to a properly designed drainage/underdrainage layer, a non-frost susceptible subgrade, and an overrun/shoulder connecting to the airfield storm water system in accordance with EPA environmental requirements and Executive Orders prioritizing environmental sustainability. Without this project, the 910th and nearby Air Force bases in the region would be forced to travel long distances to be able to train on a landing zone capable of supporting this aircraft size. To keep the training available and within a reasonable distance, the current assault strip must be widened to support mission requirements.

Investment in the long-term success of YARS is an investment in the future of the Mahoning Valley. YARS is the largest employer in Trumbull County and the third largest in the Mahoning Valley. YARS employs over 2,000 people, with 1,440 of them reservists and active duty. The base's economic impact on the area in FY20 was \$137.3 million, up from \$115 million in FY19 and \$90 million in FY15. For FY20, that includes \$103.1 million in annual payroll to Valley residents and over \$17 million in local expenditures.

I certify that neither I nor my immediate family has any financial interest in this project.

Thank you for your consideration.

Sincerely,

Tim Ryan  
Member of Congress

**Request ID: 43**

Project Name:	Medical Training Facility (BXRH189029)	Request Nature:	Community Project Funding
Member Name:	Simpson, Michael K.(R-ID)	Member's Request: (in thousands, \$000)	\$6,500
Justification:	Construction of the Medical Training Facility is supported by the Military Division of the State of Idaho, the Adjutant General of the State of Idaho, the Mayor of the City of Boise, and the Idaho Division of Veterans Services. Project design has already been funded and is 100% complete. An Environmental Assessment has been completed and this project received a Finding of No Significant Impacts (FONSI) dated 3 Nov 2020.		
Project Purpose:	The purpose of this project is to construct a 10,550 square foot Medical Training Facility to provide administrative area, classrooms, laboratories, exam rooms, record storage, and mobility training storage for the 124th Medical Group. The project entails construction of a new building with site improvements to include pavements, utilities, communication support, as well as demolition of 3 sub-standard buildings/7,951 square feet on the site. This project will provide a facility that complies with patient privacy requirements and space authorized for military medical and training functions. Construction of an adequate facility directly benefits the Department of Defense and the State of Idaho in ensuring the medical readiness of the 1,300 Airmen assigned to the 124th Fighter Wing as well as producing trained medical professionals capable of deploying to Federal mission tasks around the world and to State mission tasks throughout the state of Idaho.		
Project City or County:	Boise	Project State:	ID
Recipient Name:	Idaho Air National Guard	Recipient Mailing Address:	124 FW/ 4447 S De Haviland St, Building 411, Boise, Idaho 83705

**MIKE SIMPSON**

SECOND DISTRICT, IDAHO

WASHINGTON OFFICE:  
2084 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-5531  
FAX: (202) 225-8216

DISTRICT OFFICE:  
802 WEST BANNOCK STREET, SUITE 600  
BOISE, ID 83702  
(208) 334-1953  
FAX: (208) 334-9533  
simpson.house.gov



**CONGRESS OF THE UNITED STATES**  
**HOUSE OF REPRESENTATIVES**

June 3, 2021

**COMMITTEE ON APPROPRIATIONS**

**SUBCOMMITTEES:**

ENERGY AND WATER DEVELOPMENT,  
AND RELATED AGENCIES  
*RANKING MEMBER*

INTERIOR, ENVIRONMENT,  
AND RELATED AGENCIES

LABOR, HEALTH AND HUMAN SERVICES,  
EDUCATION, AND RELATED AGENCIES

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for a National Guard Medical Training Facility in fiscal year 2022. The entity to receive funding for this project is the Idaho Air National Guard located at 4447 S De Haviland St., Boise, Idaho, 83705.

The funding would be used for the construction of a 10,550 square foot Medical Training Facility to provide administrative area, classrooms, laboratories, exam rooms, record storage, and mobility training storage for the 124th Medical Group. The project entails construction of a new building with site improvements to include pavements, utilities, communication support, as well as demolition of 3 sub-standard buildings/7,951 square feet on the site. This project will provide a facility that complies with patient privacy requirements and space authorized for military medical and training functions.

This project is an appropriate use of taxpayer funds, and the construction of an adequate facility directly benefits the Department of Defense and the State of Idaho by ensuring the medical readiness of the 1,300 Airmen assigned to the 124th Fighter Wing as well as producing trained medical professionals capable of deploying to Federal mission tasks around the world and to State mission tasks throughout the state of Idaho. Strong community support has been

demonstrated for this project, and the Department of Defense has listed this project on the FY 2021 Future Years Defense Program and the FY 2022 Air Force Unfunded Priorities list.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink, reading "Mike Simpson" with a stylized flourish at the end. To the right of the signature, the letters "M.C." are printed in a small, blue, sans-serif font.

Mike Simpson  
Member of Congress

**Request ID: 70**

Project Name:	Wellfield Expansion Resilience Project	Request Nature:	Community Project Funding
Member Name:	Stefanik, Elise M.(R-NY)	Member's Request: (in thousands, \$000)	\$27,000
Justification:	The Wellfield Expansion Resilience Project addresses concerns over per- and polyfluoroalkyl substances (PFAS) concerns with the current well in use, and would provide a safe and secure water supply for Fort Drum, soldiers and their families.		
Project Purpose:	This project would support the expansion othe wellfield at Fort Drum to provide Fort Drum with a safe, secure water supply for the installation, and enhance security.		
Project City or County:	Fort Drum	Project State:	NY
Recipient Name:	Fort Drum	Recipient Mailing Address:	T4849 Jones Street, Fort Drum, NY 13602

ELISE M. STEFANIK  
21ST DISTRICT, NEW YORK

2211 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-4611  
stefanik.house.gov

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515-3221**

**HOUSE ARMED SERVICES  
COMMITTEE**  
SUBCOMMITTEE ON CYBER, INNOVATIVE  
TECHNOLOGIES, AND INFORMATION SYSTEMS,  
RANKING MEMBER  
SUBCOMMITTEE ON STRATEGIC FORCES  
**HOUSE COMMITTEE ON EDUCATION  
AND LABOR**  
SUBCOMMITTEE ON HIGHER  
EDUCATION AND WORKFORCE INVESTMENT  
SUBCOMMITTEE ON WORKFORCE PROTECTIONS  
**HOUSE PERMANENT SELECT  
COMMITTEE ON INTELLIGENCE**

June 14, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the Wellfield Expansion Resilience Project in fiscal year 2022. The entity to receive funding for this project is the U.S. Army Corps of Engineers, located at T-4849 Jones Street, Fort Drum, NY 13602.

The funding would be used for the Wellfield Expansion Resilience Project, which will provide Fort Drum with a safe, secure water supply for the installation and enhance security.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,



Elise M. Stefanik  
Member of Congress

GLENS FALLS  
5 WARREN STREET  
SUITE 4  
GLENS FALLS, NY 12801  
(518) 743-0964

PLATTSBURGH  
137 MARGARET STREET  
SUITE 100  
PLATTSBURGH, NY 12901  
(518) 561-2324

WATERTOWN  
88 PUBLIC SQUARE  
SUITE A  
WATERTOWN, NY 13601  
(315) 782-3150

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**Request ID: 113**

Project Name:	Fort Detrick Medical Waste Incinerator	Request Nature:	Community Project Funding
Member Name:	Trone, David J.(D-MD)	Member's Request: (in thousands, \$000)	\$23,981
Justification:	The project will enable waste from Fort Detrick to be disposed on the base's grounds. This will prevent unnecessary transportation of this waste material across the state of Maryland		
Project Purpose:	The Project is the construction of a laboratory, medical, infectious waste incinerator building which will house new state-of-the-art medical waste incinerators to dispose of all laboratory, medical and infectious waste generated on Ft Detrick, Maryland including BSL3/BSL4 waste. The new building and the incinerators will meet all National and state Clean Air Act Standards. The new incinerators must be capable of meeting all Federal and state Clean Air Act requirements for laboratory, medical and infectious waste incineration. The project includes building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring Control Systems (EMCS) connection.		
Project City or County:	Frederick	Project State:	MD
Recipient Name:	US Army Garrison, Fort Detrick	Recipient Mailing Address:	Army Programs Division, Personnel Branch, Pentagon 1E385

DAVID TRONE  
8TH DISTRICT, MARYLAND  
APPROPRIATIONS  
COMMITTEE  
VETERANS' AFFAIRS  
COMMITTEE  
JOINT ECONOMIC  
COMMITTEE



1110 LONGWORTH HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-2721  
ONE WASHINGTONIAN CENTER  
8801 WASHINGTONIAN BOULEVARD  
GAITHERSBURG, MD 20878  
(301) 926-0300  
TRONE@HOUSE.GOV  
@RepDavidTrone

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the Fort Detrick Incinerator in fiscal year 2022. The entity to receive funding for this project is U.S. Army Garrison, Fort Detrick located at 810 Schreider St, Frederick, MD 21702

The funding would be used for the construction of a new incinerator at Fort Detrick.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink, appearing to read "David Trone", written over a horizontal line.

David Trone  
United States Representative

**Request ID: 53**

Project Name:	Child Development Center, Wright Patterson Air Force Base	Request Nature:	Community Project Funding
Member Name:	Turner, Michael R.(R-OH)	Member's Request: (in thousands, \$000)	\$24,000
Justification:	<p>Currently, parents stationed at Wright-Patt must wait in excess of 90 days to place their children in childcare and the current facilities at Wright-Patterson Air Force Base cannot accommodate a waiting list that ranges from between 200-415 children. The proposed Child Development Center would replace a legacy location that can only accommodate 100 children in a 62-year-old building located outside of the base perimeter. In addition to being inconveniently located for parents who work aboard the installation, a Joint Staff Integrated Vulnerability Assessment inspection identified this facility as one of the top two security concerns at WPAFB due to its location outside the secure perimeter and along a major public thoroughfare. The legacy location increases its vulnerability to a terrorist attack or an active shooter incident, which is exacerbated by its lack of force protection features in the aging building. The current facility is in poor condition which directly impacts the quality of childcare. Issues with deteriorating structural systems, failing utilities, and insect and vermin infestation require excessive service calls, which result in the shutdown of child care activities, requiring parents to leave their posts and retrieve their children. On one occasion, a gas leak resulted in a four hour evacuation. On another occasion, failed components in the fire protection system resulted in a 24-hour fire watch to acquire difficult-to-obtain spare parts to repair the aging system. The failure to replace this legacy location will leave dependent children in inadequate, unsafe, and undersized facilities, which will negatively impact the morale of personnel. Parents on the waiting list will continue having difficulty in arranging childcare and will be forced to use off-base programs of varying quality, affordability, and licensure.</p> <p>A new Child Development Center will allow parents to focus on the military mission because they will know their children are in a safe building aboard the installation. This proposed project is a valuable use of taxpayer funds because it improves the quality of life for military families at an Air Force base that is vital to U.S. national security efforts. Replacing the legacy location will also reduce the risk of a catastrophic fire, terrorist attack, or structural collapse that would victimize the children of military members aboard Wright-Patterson Air Force Base.</p>		
Project Purpose:	<p>MILCON Project Number ZHTV163001, which was offered as the Priority #6 item on the United States Air Force FY 2022 Unfunded Priority Listing, proposes \$24 million in project funds for the construction of a Child Development Center on Wright-Patterson Air Force Base, Ohio. The proposed center would be approximately 43,000 Square Feet, with capacity for 304 children, and would include force protection features, classroom and administrative areas, food preparation, outdoor sheltered play areas, and parking and pick-up/drop off areas. The proposed center will be designed as permanent construction in accordance with applicable Department of Defense Unified Facilities Criteria and would meet all Air Force and other applicable design and construction standards for Child Development Centers, including Antiterrorism/Force Protection standards, Americans with Disabilities Act standards, and fire code requirements. This facility will relocate 100 children from a failing, off-base facility with insufficient capacity to meet required demand for which there is no work-around for lack of child care spaces. In the event of outages or systems failures forcing facility shut-down, the base chapel is used as a temporary space while parents leave work to retrieve their children.</p>		
Project City or County:	Wright Patterson Air Force Base	Project State:	OH
Recipient Name:	Air Force Materiel Command, US Air Force	Recipient Mailing Address:	375 Chidlaw Road, Wright Patterson Air Force Base, OH 45433

**MICHAEL R. TURNER**

TENTH DISTRICT, OHIO

COMMITTEE ON ARMED SERVICES  
RANKING MEMBER  
SUBCOMMITTEE ON STRATEGIC FORCES

PERMANENT SELECT COMMITTEE  
ON INTELLIGENCE

ASSISTANT MINORITY WHIP



**Congress of the United States**  
**House of Representatives**  
Washington, DC 20515

2082 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-6465

DISTRICT OFFICE:

120 WEST 3RD STREET  
SUITE 305  
DAYTON, OH 45402  
(937) 225-2843

June 10, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting \$24 million in funding to support the construction of a Child Development Center located on Wright Patterson Air Force Base that was offered as the sixth priority on the United States Air Force FY 2022 Unfunded Priority List.

The entity to receive funding for this project is the United States Air Force and the major entity on the installation is Air Force Materiel Command, located at 4375 Chidlaw Road, Wright Patterson Air Force Base, OH 45433. The proposed center would be approximately 43,000 Square Feet, with capacity for 304 children, and would include force protection features, classroom and administrative areas, food preparation, outdoor sheltered play areas, and parking and pick-up/drop off areas. The proposed center will be designed as permanent construction in accordance with applicable Department of Defense Unified Facilities Criteria and would meet all Air Force and other applicable design and construction standards for Child Development Centers, including Antiterrorism/Force Protection standards, Americans with Disabilities Act standards, and fire code requirements. This facility will relocate 100 children from a failing, off-base facility with insufficient capacity to meet required demand. In the event of outages or systems failures forcing facility shut-down, the base chapel is used as a temporary space, as parents leave their posts to retrieve their children, detracting from the military mission aboard the base.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Michael R. Turner  
Member of Congress

**Request ID: 122**

Project Name:	183d Wing, Civil Engineering Facility	Request Nature:	Community Project Funding
Member Name:	Underwood, Lauren(D-IL)	Member's Request: (in thousands, \$000)	\$10,200
Justification:	Please find attached letters of community support from the Mayor of Springfield and the Springfield Airport Authority. Please also find attached documents with more details on the project, and a copy of the DD-1391.		
Project Purpose:	<p>This funding would be used to construct a Base Civil Engineer Complex at Abraham Lincoln Capital Airport in Springfield. The complex, which has been fully designed, consolidates seven "poorly-configured and deteriorating facilities" into one facility "to support combat engineer training and the sustainment, maintenance, modernization and operations of the installation and its two primary Centralized Repair Facility and Air Operations Group missions." This project is a good use of taxpayer funds because the current facilities negatively impact effectiveness and readiness.</p> <p>The requestor details a number of downsides to the current setup that this facility would replace:</p> <ul style="list-style-type: none"> <li>- "The Base Civil Engineer functions are currently located in 7 separate facilities in multiple locations throughout the installation adversely affecting cohesive operations; three of which do not meet Anti-Terrorism Force Protection (ATFP) stand-off distances. The facilities vary in age from 15 to 60 years old all with partial renovations to the oldest buildings.</li> <li>- The facilities were initially constructed to house other base activities therefore functional layout is totally inefficient with either too much space allocation or too little to accomplish the mission.</li> <li>- There is no ground level access or overhead doors for trade craftsman to perform any maintenance activities on any electrical, HVAC, plumbing or facility components. Facility maintenance and operations materials cannot be delivered to the facility due to a lack of necessary material storage areas.</li> <li>- Lack of an integrated complex generates span of control challenges and results in poor coordination and loss of man-hours. The Squadron conducts "split drills" 20% of the year due to lack of space. There is not sufficient space for classroom activities, training areas or sufficient space for the entire squadron to assemble in one area.</li> <li>- Restrooms were designed for a male to female ratio of 95% male and 5% female. Today's ratio is closer to 70-30.</li> <li>- There are several cases where multi maintenance and training staff are occupying rooms designed for one person.</li> <li>- Equipment storage is limited and high value items are forced to be stored outdoors causing them to deteriorate at an accelerated rate."</li> </ul>		
Project City or County:	Springfield	Project State:	IL
Recipient Name:	183d Wing, Abraham Capital Airport, IL ANG	Recipient Mailing Address:	1301 N. MacArthur Blvd., Springfield, IL 62702-2399

LAUREN UNDERWOOD  
14TH DISTRICT, ILLINOIS  
underwood.house.gov

WASHINGTON OFFICE  
1130 LONGWORTH HOB  
WASHINGTON, D.C. 20515  
(202) 225-2976  
  
WEST CHICAGO OFFICE  
490 E. ROOSEVELT ROAD, SUITE 202  
WEST CHICAGO, IL 60185  
(630) 549-2190



CONGRESS OF THE UNITED STATES  
HOUSE OF REPRESENTATIVES

HOUSE COMMITTEE ON APPROPRIATIONS  
SUBCOMMITTEE ON AGRICULTURE,  
RURAL DEVELOPMENT,  
FOOD AND DRUG ADMINISTRATION, AND  
RELATED AGENCIES  
SUBCOMMITTEE ON HOMELAND SECURITY

HOUSE COMMITTEE ON VETERANS' AFFAIRS  
SUBCOMMITTEE ON HEALTH

June 14, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the "183d Wing, Civil Engineering Facility" project in Fiscal Year 2022. The entity to receive funding for this project is 183d Wing, Abraham Capital Airport, IL Air National Guard, located at 1301 N. MacArthur Blvd., Springfield, IL 62702-2399.

The funding would be used to construct a facility to satisfy Base Civil Engineer (BCE) Maintenance Shop requirements.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

**Request ID: 97**

Project Name:	Entry Control Point	Request Nature:	Community Project Funding
Member Name:	Vela, Filemon(D-TX)	Member's Request: (in thousands, \$000)	\$2,436
Justification:	<p>The requirement was generated using NAVFAC P-80 and UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings along with architectural and security analysis of the area. Current conditions at the main gate do not meet the ATRP requirements as noted during the most recent CNO Integrated Vulnerability Assessment Inspection in FY14.</p> <p>Adequate and efficiently configured facilities are required to provide a secure Pass and Tag Facility to process IDs (including DEERS) and vehicle tags for all military, civilians, and contractors. This project replaces/reconfigures the gatehouse and vehicle</p> <p>inspection areas. Eliminate daily escort duty for base visitors beyond the Main ECP to Pass and Tag, saving</p> <p>the Navy \$430K annually in manpower productivity wasted on escort duties. Deter future gate running incidents. In March 2013, seven illegal aliens lost their lives as they hit the barrier at over 70 mph and in March 2016, there was another gate running</p> <p>incident.</p>		
Project Purpose:	<p>Provide a funding level of \$2,436,000 for the planning and design of an Entry Control Point on Naval Air Station Kingsville as a community project funding request. This planning and design project would facilitate the construction of an entry control point for Naval Air Station Kingsville, which includes a new permanent Pass and Tag Facility, a gatehouse, a dedicated vehicle inspection area, traffic control devices, a secure hold area, active and passive vehicle barriers, security fencing, security gates, improved security site lighting, and associated guard structures. This entry control point would provide anti-terrorism/force protection features that meet requirements as identified during FY14 Chief of Naval Operations (CNO) Integrated Vulnerability Assessment.</p>		
Project City or County:	Kingsville	Project State:	TX
Recipient Name:	Naval Air Station - Kingsville	Recipient Mailing Address:	554 McCain Street



FILEMON VELA  
34TH DISTRICT, TEXAS

COMMITTEE ON AGRICULTURE  
SUBCOMMITTEE ON CONSERVATION AND  
FORESTRY

SUBCOMMITTEE ON GENERAL FARM  
COMMODITIES AND RISK MANAGEMENT

COMMITTEE ON  
ARMED SERVICES

SUBCOMMITTEE ON INTELLIGENCE  
AND SPECIAL OPERATIONS

SUBCOMMITTEE ON SEAPOWER AND  
PROJECTION FORCES

Congress of the United States  
House of Representatives  
Washington, DC 20515-4334

June 4, 2021

307 CANNON HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-9901

800 N. EXPRESSWAY 77/83, SUITE 9  
BROWNSVILLE, TX 77821  
(956) 544-8352

500 EAST MAIN STREET  
ALICE, TX 78332  
(361) 230-8776

1390 W. EXPRESSWAY 83  
SAN BENITO, TX 78586  
(956) 276-4497

301 WEST RAILROAD  
WESLACO, TX 78596  
(956) 520-8273

The Honorable Rosa DeLauro  
Chairwoman  
House Committee on Appropriations  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Kay Granger  
Ranking Member  
House Committee on Appropriations  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairwoman DeLauro and Ranking Member Granger:

I am requesting funding for planning and design of an Entry Control Point (P730) in Fiscal Year 2022.

The entity to receive funding for this project is Naval Air Station - Kingsville, located at 554 McCain Street, Kingsville, Texas 78363.

The funding would be used to complete the planning and design required for construction.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

  
Filemon Vela  
Member of Congress

PRINTED ON RECYCLED PAPER

**Request ID: 56**

Project Name:	SOUTHCOM Enhanced Domain Awareness (EDA) Initiative	Request Nature:	Community Project Funding
Member Name:	Wasserman Schultz, Debbie(D-FL)	Member's Request: (in thousands, \$000)	\$1,300
Justification:	<p>Launching the EDA will complement current USG research capacity and provide U.S. leaders with innovative, unique, real-time analysis that helps advance the important goals of: promoting prosperity; enhancing security; reducing crime and gang activity; and improving governance. Specifically, such an initiative could:</p> <ul style="list-style-type: none"> <li>• Establish a secure, virtual technology platform that facilitates information sharing.</li> <li>• Foster analytic exchanges between U.S. and Latin America stakeholders.</li> <li>• Create a shared understanding of critical security challenges facing Latin America.</li> <li>• Enhance U.S. and Latin American research and analytic capacities.</li> <li>• Cultivating future U.S. and Latin American national security workforces.</li> <li>• A community of thinking to promote a political culture that demands security and commitment to democracy from the institutions.</li> <li>• Standardized indicators and research capability that serve to monitor security and the administration of justice in the region.</li> <li>• Capability to monitor disinformation as it relates to USG objectives in the region.</li> <li>• Thought and practice partners to aid the Department of Defense in incubating and testing advancements.</li> </ul>		
Project Purpose:	<p>The Enhanced Domain Awareness (EDA) Initiative takes a whole of hemisphere approach, bringing together the best from across academia, government, civil society, think tanks, private sector, and multi-lateral organizations, to provide data and analytic power to support U.S. Department of Defense and partner nation decision makers with real time information and analysis. In addition to providing immediate access to a network of non-U.S. Department of Defense stakeholders, this project provides a repository of collected data, analytic tools, research, training and education, and a collaborative community that DOD can tap into for quick answers to decision-maker inquiries in areas including transnational organized crime, statistical analysis, critical infrastructure and resources, energy, environment, tropical diseases, national security, disaster risk management and much more. Specifically, this initiative will:</p> <ul style="list-style-type: none"> <li>• Provide the department with an independent, unbiased, research partner to analyze the impact of security challenges/investments in Latin America and the Caribbean.</li> <li>• Enhance U.S. and Latin American research and analytic capacities.</li> <li>• Establish a secure, virtual technology platform that facilitates information sharing.</li> <li>• Foster analytic exchanges between U.S. and Latin American stakeholders.</li> <li>• Create a shared understanding of critical security challenges facing Latin America.</li> <li>• Cultivate future national security workforces.</li> </ul>		
Project City or County:	Miami-Dade	Project State:	FL
Recipient Name:	Florida International University	Recipient Mailing Address:	11200 SW 8 Street Miami, FL 33199

DEBBIE WASSERMAN SCHULTZ  
23RD DISTRICT, FLORIDA  
CHIEF DEPUTY WHIP  
COMMITTEE ON APPROPRIATIONS  
CHAIRWOMAN  
MILITARY CONSTRUCTION,  
VETERANS AFFAIRS, AND RELATED AGENCIES  
SUBCOMMITTEES:  
AGRICULTURE, RURAL DEVELOPMENT,  
FOOD AND DRUG ADMINISTRATION,  
AND RELATED AGENCIES AND  
ENERGY AND WATER DEVELOPMENT,  
AND RELATED AGENCIES



COMMITTEE ON OVERSIGHT AND REFORM  
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CIVIL RIGHTS AND CIVIL LIBERTIES  
NATIONAL SECURITY  
STEERING AND POLICY COMMITTEE

Congress of the United States  
House of Representatives  
Washington, DC 20515

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the SOUTHCOM Enhanced Domain Awareness (EDA) Initiative in fiscal year 2022. The entity to receive funding for this project is Florida International University located at 11200 SW 8 Street Miami, FL 33199.

The funding would establish an initiative to support U.S. Department of Defense and provide real-time information and analysis on the security challenges and investments in Latin America and the Caribbean.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Debbie Wasserman Schultz".

Debbie Wasserman Schultz  
Member of Congress

**Request ID: 58**

Project Name:	Future Nano and Micro-Fabrication - Advanced Materials Engineering Research Institute	Request Nature:	Community Project Funding
Member Name:	Wasserman Schultz, Debbie(D-FL)	Member's Request: (in thousands, \$000)	\$6,800
Justification:	This project will help moving innovations out of the university and into the marketplace and will ensure that America remains the technologically preeminent nation.		
Project Purpose:	<p>This project will enable the development of nano and micro satellites, smaller UAV platforms, future high data rate secure communication links, including 5G and space borne platforms, quantum computing materials and communications, smart materials, and nano composites with novel multi-functionalities needed for ubiquitous sensing, imaging, healthcare, infrastructure and security assessments, advanced manufacturing of future electronics and data gathering devices, agricultural and environment support, and space missions, to mention a few. Specifically, this project will benefit research in:</p> <ul style="list-style-type: none"> <li>• 5G/6G devices, nano and micro satellites, and manufacturing automation</li> <li>• Metal 3D printed circuits for antenna, wearable electronics, and biomedical devices</li> <li>• Compact, high performance, real-time millimeter wave camera system for airport and public area security</li> <li>• Non-fossil fuel energy materials and devices</li> <li>• Quantum computing materials</li> </ul>		
Project City or County:	Miami-Dade	Project State:	FL
Recipient Name:	Florida International University	Recipient Mailing Address:	11200 SW 8 Street Miami, FL 33199

DEBBIE WASSERMAN SCHULTZ  
23RD DISTRICT, FLORIDA  
  
CHIEF DEPUTY WHIP  
  
COMMITTEE ON APPROPRIATIONS  
  
CHAIRWOMAN  
MILITARY CONSTRUCTION,  
VETERANS AFFAIRS, AND RELATED AGENCIES  
  
SUBCOMMITTEES:  
AGRICULTURE, RURAL DEVELOPMENT,  
FOOD AND DRUG ADMINISTRATION,  
AND RELATED AGENCIES AND  
ENERGY AND WATER DEVELOPMENT,  
AND RELATED AGENCIES



COMMITTEE ON OVERSIGHT AND REFORM  
  
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NATIONAL SECURITY  
  
STEERING AND POLICY COMMITTEE

Congress of the United States  
House of Representatives  
Washington, DC 20515

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the Future Nano and Micro-Fabrication Advanced Materials Engineering Research Institute in fiscal year 2022. The entity to receive funding for this project is Florida International University located at 11200 SW 8 Street Miami, FL 33199.

The funding would be used for future research and training on use of nano and microfabrication equipment across all areas of manufacturing, including additive and hybrid manufacturing.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink, reading "Debbie Wasserman Schultz".

Debbie Wasserman Schultz  
Member of Congress

**Request ID: 57**

Project Name:	Cold Spray and Rapid Deposition Lab	Request Nature:	Community Project Funding
Member Name:	Wasserman Schultz, Debbie(D-FL)	Member's Request: (in thousands, \$000)	\$1,300
Justification:	This funding will advance cold spray and other rapid advanced deposition techniques used in the field to aid in the repair, design and development of high-performance materials for next generation vehicles and munitions in a cost-effective and time-efficient manner.		
Project Purpose:	The purpose of the project is to build a state-of-the-art advanced manufacturing laboratory based on Cold Spray and Rapid Deposition Techniques that will advance Army Technologies and fundamental science and research. The development of high deposition structural alloys and novel additive manufacturing processing techniques from computational models is essential toward the prediction of material properties and the implementation of new structural alloys into Army weapons systems. The shift of manufacturing from the United States to China and India is a leading threat to the U.S. military advantage, according to the Defense Science Board in its "Technology and Innovation Enablers for Superiority in 2030" report. The transfer of manufacturing to foreign nations also affects U.S. technology leadership by enabling adversaries to learn a technology and then gain the capability to improve on it. An additional threat to defense capabilities from offshore manufacturing is the potential for compromise of the supply chain for key weapons systems components. The rise of technically and economically strong foreign adversaries will challenge U.S. superiority in speed, stealth and the precision of weapons systems. Other countries are likely to develop counters to some or all of the foundation technologies on which the U.S. has come to rely.		
Project City or County:	Miami-Dade	Project State:	FL
Recipient Name:	Florida International University	Recipient Mailing Address:	11200 SW 8 Street Miami, FL 33199

DEBBIE WASSERMAN SCHULTZ  
23RD DISTRICT, FLORIDA  
CHIEF DEPUTY WHIP  
COMMITTEE ON APPROPRIATIONS  
CHAIRWOMAN  
MILITARY CONSTRUCTION,  
VETERANS AFFAIRS, AND RELATED AGENCIES  
SUBCOMMITTEES:  
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FOOD AND DRUG ADMINISTRATION,  
AND RELATED AGENCIES AND  
ENERGY AND WATER DEVELOPMENT,  
AND RELATED AGENCIES



COMMITTEE ON OVERSIGHT AND REFORM  
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CIVIL RIGHTS AND CIVIL LIBERTIES  
NATIONAL SECURITY  
STEERING AND POLICY COMMITTEE

Congress of the United States  
House of Representatives  
Washington, DC 20515

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for a Cold Spray and Rapid Deposition Lab in fiscal year 2022. The entity to receive funding for this project is Florida International University located at 11200 SW 8 Street Miami, FL 33199.

The funding would be used to build a state-of-the-art advanced manufacturing laboratory based on Cold Spray and Rapid Deposition Techniques that will advance Army Technologies and fundamental science and research.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Debbie Wasserman Schultz".

Debbie Wasserman Schultz  
Member of Congress



**Request ID: 60**

Project Name:	Neural-enabled Prosthetics	Request Nature:	Community Project Funding
Member Name:	Wasserman Schultz, Debbie(D-FL)	Member's Request: (in thousands, \$000)	\$1,500
Justification:	<p>This request will allow FIU to support the Department of Defense's mission in meeting the needs and improving the quality of life of our servicemembers. Our researchers are leaders in this space and have been successful in restoring sensation and activation of the nervous system. Beyond the 1.5 million veterans in the South Florida community and nearly 20 million veterans nationwide, this request will also benefit thousands more Americans impacted by limb loss. Restoring sensation will mean a better of quality of life for all amputees.</p>		
Project Purpose:	<p>This project will develop wearable soft-robotic technology and advancements to our patent-pending system for non-invasive electrical stimulation of peripheral-nerves to provide intuitive haptic feedback during manipulation and interactions within virtual, augmented, remote, and real-world environments. Without the cumbersome restrictions of traditional haptic hardware, the human-machine interaction offered by advanced technologies will allow vastly improved social interactions within virtual worlds, realistic human-machine interactions in gaming, training and readiness of soldiers for remote control of unmanned aerial and terrestrial vehicles designed to minimize risk to civilian and military personnel during unsafe activities such as emergency rescue and firefighting missions or transportation and disposal of explosives or dangerous substances, and for robotic surgical procedures and rehabilitation training after neurological trauma. Specific, project objections include:</p> <ul style="list-style-type: none"> <li>• Delivering haptic feedback for teleoperation of complex surgical robotic devices, as well as remote control of unmanned aerial and terrestrial vehicles designed to minimize risk to civilian and military personnel during unsafe activities from emergency rescue, and firefighting missions, to transport and disposal of explosives or dangerous substances.</li> <li>• For individuals with amputation, replacement haptic feedback in accordance with the stimulation technology could be implemented in training environments to help improve the functionality of prosthetic limbs, enabling them to classify the physical properties of different objects, and perform fine control of grasp force outputs without the need for visual or auditory feedback.</li> <li>• Creating enhanced situational awareness of soldiers operating in the battlefield.</li> </ul>		
Project City or County:	Miami-Dade	Project State:	FL
Recipient Name:	Florida International University	Recipient Mailing Address:	11200 SW 8 Street Miami, FL 33199

DEBBIE WASSERMAN SCHULTZ  
23RD DISTRICT, FLORIDA  
CHIEF DEPUTY WHIP  
COMMITTEE ON APPROPRIATIONS  
CHAIRWOMAN  
MILITARY CONSTRUCTION,  
VETERANS AFFAIRS, AND RELATED AGENCIES  
SUBCOMMITTEES:  
AGRICULTURE, RURAL DEVELOPMENT,  
FOOD AND DRUG ADMINISTRATION,  
AND RELATED AGENCIES AND  
ENERGY AND WATER DEVELOPMENT,  
AND RELATED AGENCIES



COMMITTEE ON OVERSIGHT AND REFORM  
SUBCOMMITTEES:  
CIVIL RIGHTS AND CIVIL LIBERTIES  
NATIONAL SECURITY  
STEERING AND POLICY COMMITTEE

Congress of the United States  
House of Representatives  
Washington, DC 20515

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Neural-enabled Prosthetics Research in fiscal year 2022. The entity to receive funding for this project is Florida International University located at 11200 SW 8 Street Miami, FL 33199.

The funding would be used to fund research that aims to improve the quality of life of our servicemembers impacted by limb loss by restoring sensation and activation of the nervous system.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Debbie Wasserman Schultz".

Debbie Wasserman Schultz  
Member of Congress

Request ID: 59			
Project Name:	Additive Manufacturing and Ultra-High Performance Concrete	Request Nature:	Community Project Funding
Member Name:	Wasserman Schultz, Debbie(D-FL)	Member's Request: (in thousands, \$000)	\$10,000
Justification:	Fortifying our country's military installations must be a top priority as extreme events and shifts in environmental conditions pose real threats to military readiness and response capabilities. This research can provide solutions to government and industry problems from wind, storm surge, and rising sea level impacts on housing, infrastructure, and transportation systems.		
Project Purpose:	<p>By accelerating Additive Manufacturing, Engineering and related solutions for aging infrastructure and vulnerable installations, the Department of Defense can ensure that installations are defense-ready and meeting the needs of our troops.</p> <ul style="list-style-type: none"> <li>o Additive Manufacturing's (AM) ability to produce customized lightweight materials and parts is already enabling the creation of new military technologies that significantly strengthen U.S. defensive capabilities.</li> <li>o The need exists to accelerate the development of advanced additive manufacturing (3D Printing) methods and equipment, with focus on the built defense environment. 3D printing techniques are being used to construct innovative bridge systems and housing components in manners that minimize the traffic interruption and enhances the public and consumer safety and hold the promise to effectively meet a great need for DOD.</li> <li>o This would also address the need for resilient structures with shifting threats to our climate, as analyzed in the 2016 Report "Regional Sea Level Scenarios for Coastal Risk Management, prepared by the Coastal Assessment Regional Scenario Working Group.</li> </ul>		
Project City or County:	Miami-Dade	Project State:	FL
Recipient Name:	Florida International University	Recipient Mailing Address:	11200 SW 8 Street Miami, FL 33199

DEBBIE WASSERMAN SCHULTZ  
23RD DISTRICT, FLORIDA  
CHIEF DEPUTY WHIP  
COMMITTEE ON APPROPRIATIONS  
CHAIRWOMAN  
MILITARY CONSTRUCTION,  
VETERANS AFFAIRS, AND RELATED AGENCIES  
SUBCOMMITTEES:  
AGRICULTURE, RURAL DEVELOPMENT,  
FOOD AND DRUG ADMINISTRATION,  
AND RELATED AGENCIES AND  
ENERGY AND WATER DEVELOPMENT,  
AND RELATED AGENCIES



COMMITTEE ON OVERSIGHT AND REFORM  
SUBCOMMITTEES:  
CIVIL RIGHTS AND CIVIL LIBERTIES  
NATIONAL SECURITY  
STEERING AND POLICY COMMITTEE

Congress of the United States  
House of Representatives  
Washington, DC 20515

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Additive Manufacturing and Ultra-High Performance Concrete Research in fiscal year 2022. The entity to receive funding for this project is Florida International University located at 11200 SW 8 Street Miami, FL 33199.

The funding would be used for research into the development of resilient building and related technologies that can provide solutions to government and industry problems from wind, storm surge, and rising sea level impacts on housing, infrastructure, and transportation systems.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Debbie Wasserman Schultz".

Debbie Wasserman Schultz  
Member of Congress

**Request ID: 87**

Project Name:	Connected AI for Autonomous UUV Systems	Request Nature:	Community Project Funding
Member Name:	Wasserman Schultz, Debbie(D-FL)	Member's Request: (in thousands, \$000)	\$10,000
Justification:	These investments will greatly improve relevant test infrastructure, accessibility, and system developer operations that will foster competition, validate requirements and decrease future Navy acquisition costs.		
Project Purpose:	<p>The project address a gap in Navy needs for (i) data conformity and quality evaluation for AS training and real-time operation; (ii) connected/networked autonomous agents for real autonomous missions; and (iii) test and evaluation at scale for real naval surveillance and other defense missions.</p> <p>High-confidence test and evaluation will be carried out to build acceptable levels of operator trust in critical Naval missions where the consequences of error can be severe. AI-enabled systems may become vulnerable to unique forms of manipulation. Currently, there is no solution for assessing and evaluating data conformity and data quality (validity, completeness and pertinence) for AI/AS training and real-time operation. To build trust for the performance of the autonomous vehicles in the field, there needs to be demonstrated measurable performance in real environments.</p>		
Project City or County:	Boca Raton	Project State:	FL
Recipient Name:	Florida Atlantic University	Recipient Mailing Address:	777 Glades Road, Boca Raton, FL 33431

DEBBIE WASSERMAN SCHULTZ  
23RD DISTRICT, FLORIDA  
CHIEF DEPUTY WHIP  
COMMITTEE ON APPROPRIATIONS  
CHAIRWOMAN  
MILITARY CONSTRUCTION,  
VETERANS AFFAIRS, AND RELATED AGENCIES  
SUBCOMMITTEES:  
AGRICULTURE, RURAL DEVELOPMENT,  
FOOD AND DRUG ADMINISTRATION,  
AND RELATED AGENCIES AND  
ENERGY AND WATER DEVELOPMENT,  
AND RELATED AGENCIES



COMMITTEE ON OVERSIGHT AND REFORM  
SUBCOMMITTEES:  
CIVIL RIGHTS AND CIVIL LIBERTIES  
NATIONAL SECURITY  
STEERING AND POLICY COMMITTEE

Congress of the United States  
House of Representatives  
Washington, DC 20515

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Connected AI for Autonomous Unmanned Underwater Vehicle (UUV) Systems in fiscal year 2022. The entity to receive funding for this project is Florida Atlantic University located at 777 Glades Road, Boca Raton, FL 33431.

The funding would be used to create a unique Navy capability by evaluating fleets of UUVs with autonomous operation capability and sustained connectivity to enable connected autonomy for team AI missions and operations.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Debbie Wasserman Schultz".

Debbie Wasserman Schultz  
Member of Congress

**Request ID: 89**

Project Name:	Persistent Maritime Surveillance	Request Nature:	Community Project Funding
Member Name:	Wasserman Schultz, Debbie(D-FL)	Member's Request: (in thousands, \$000)	\$15,000
Justification:	The evolution of Naval warfare in a time of rapid technical advancement, increased requirements to project warfare into the littoral domain including expeditionary and special warfare, and expansion of adversaries from major states to include minor states as well as terrorist actors requires the Navy to focus on situational awareness at enhanced temporal and spatial resolution. Waterborne threats that include divers, diver deployment vehicles, autonomous underwater and semi-submersible vehicles, mini-subbs, submarines, and highly lethal submerged mines form a substantial window of vulnerability for naval assets. With an everchanging climate including sea-level rise and increasing extreme weather, coastal dynamics are altered and provide new challenges for navigation and operations. These perils overseas are paralleled by equivalent threats to the U.S. homeland. Specifically, there is a need for persistent operation of a surveillance network with agile mobilization capabilities to provide short to long range detection, tracking, localization, and identification (DTLI) for such threats. The Navy's 2016 30-year R&D plan identified Persistent Surveillance as a focus area requiring the highest level of attention and coordination.		
Project Purpose:	This project will continue development enabling remote surveillance of maritime environments from nanosatellites, CubeSats, small satellites, and high-altitude long endurance (HALE) drones for the Navy. Deliverables will include integrated satellite/airborne remote sensing systems, new data products, research advancing persistent maritime surveillance, and enhancing Navy environmental and related climate change modeling needs.		
Project City or County:	Boca Raton	Project State:	FL
Recipient Name:	Florida Atlantic University	Recipient Mailing Address:	777 Glades Road, Boca Raton, FL 33431



DEBBIE WASSERMAN SCHULTZ  
23RD DISTRICT, FLORIDA  
CHIEF DEPUTY WHIP  
COMMITTEE ON APPROPRIATIONS  
CHAIRWOMAN  
MILITARY CONSTRUCTION,  
VETERANS AFFAIRS, AND RELATED AGENCIES  
SUBCOMMITTEES:  
AGRICULTURE, RURAL DEVELOPMENT,  
FOOD AND DRUG ADMINISTRATION,  
AND RELATED AGENCIES AND  
ENERGY AND WATER DEVELOPMENT,  
AND RELATED AGENCIES



COMMITTEE ON OVERSIGHT AND REFORM  
SUBCOMMITTEES:  
CIVIL RIGHTS AND CIVIL LIBERTIES  
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STEERING AND POLICY COMMITTEE

Congress of the United States  
House of Representatives  
Washington, DC 20515

June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Persistent Maritime Surveillance research in fiscal year 2022. The entity to receive funding for this project is Florida Atlantic University located at 777 Glades Road, Boca Raton, FL 33431.

The funding will continue research enabling remote surveillance of maritime environments from nanosatellites, CubeSats, small satellites, and high-altitude long endurance (HALE) drones for the Navy.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Debbie Wasserman Schultz".

Debbie Wasserman Schultz  
Member of Congress

**Request ID: 109**

Project Name:	Florida Memorial Avionics Smart Scholars	Request Nature:	Community Project Funding
Member Name:	Wilson, Frederica S.(D-FL)	Member's Request: (in thousands, \$000)	\$1,000
Justification:	Technology and digitization bring many advantages to aviation, but at the same time, create challenges in managing cyber vulnerabilities in this complex environment. The airline industry is an attractive target for cyber threat actors with a multitude of motivations, ranging from stealing value in data or money to causing disruptions and harm. It is necessary to continue building a pipeline of security experts to manage the ever-changing landscape of those who would do us harm.		
Project Purpose:	Funding will provide Florida Memorial University funding for four-year funding for up to 8 Smart Scholars through the Department of Defense's smart scholarship program. The focus of these scholarships will be on Aerospace Cybersecurity in the commitment to Aviation safety. These Smart Scholars should be provided mentorship at the Air Force Technical Applications Center at Patrick AFB.		
Project City or County:	Miami Gardens	Project State:	FL
Recipient Name:	Florida Memorial University	Recipient Mailing Address:	15800 NW 42nd Ave, Miami Gardens, Florida 33054



June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Florida Memorial Avionics Smart Scholars in fiscal year 2022. The entity to receive funding for this project is Florida Memorial University located at 15800 NW 42nd Ave, Miami Gardens, Florida 33054.

The funding would be used to provide Florida Memorial University funding for four-year funding for up to 8 Smart Scholars through the Department of Defense's smart scholarship program. The focus of these scholarships will be on Aerospace Cybersecurity in the commitment to Aviation safety. These Smart Scholars should be provided mentorship at the Air Force Technical Applications Center at Patrick AFB.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Frederica S. Wilson". The signature is written in a cursive, flowing style.

Frederica S. Wilson  
Member of Congress

Request ID: 106			
Project Name:	HBCU Training for the Future of Aerospace	Request Nature:	Community Project Funding
Member Name:	Wilson, Frederica S.(D-FL)	Member's Request: (in thousands, \$000)	\$1,000
Justification:	The U.S. is currently dealing with shortages of both pilots and air traffic controllers, the latter due to early retirements and retention issues brought on by the stresses of the job. Additionally, the aviation industry is grappling with methods to improve inclusion and diversity. 92.3% of aircraft pilots and flight engineers in the U.S. are Caucasian, according to Data USA, and 93% are male. As the aviation industry strives to address a skills gap and the overall population becomes increasingly diverse, cultivating diversity and a culture of inclusion is likely to remain a key tenant for successful organizations and the military in the coming years.		
Project Purpose:	The goal is to help fill the shortages in "pilots and air traffic controllers" in the nation and around the world, while maximizing diversity initiatives in line with administration priorities. The local communities will improve because better opportunities will be provided while safety is improved in aerospace. The objectives for "Training for the Future of Aerospace program" include: (1) bachelor degrees in Aeronautical Science – Flight Education, and Air Traffic Control, and (2) FAA Flight Certificates up to Certified Flight Instructor CFI (3) Preparation for FAA on job training (OJT) start their careers in military or civilian spaces.		
Project City or County:	Miami Gardens	Project State:	FL
Recipient Name:	Florida Memorial University	Recipient Mailing Address:	15800 NW 42nd Ave, Miami Gardens, Florida 33054



June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for HBCU Training for the Future of Aerospace in fiscal year 2022. The entity to receive funding for this project is Florida Memorial University located at 15800 NW 42nd Ave, Miami Gardens, Florida 33054.

The funding would be used to help fill the shortages in "pilots and air traffic controllers" in the nation and around the world, while maximizing diversity initiatives in line with administration priorities. The local communities will improve because better opportunities will be provided while safety is improved in aerospace. The objectives for "Training for the Future of Aerospace program" include:

- (1) Bachelor degrees in Aeronautical Science – Flight Education, and Air Traffic Control;
- (2) FAA Flight Certificates up to Certified Flight Instructor CFI; and
- (3) Preparation for FAA on job training (OJT) start their careers in military or civilian spaces.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Frederica S. Wilson". The signature is written in a cursive, flowing style.

Frederica S. Wilson  
Member of Congress

**Request ID: 108**

Project Name:	Florida Memorial University Department of Natural Sciences STEM Equipment	Request Nature:	Community Project Funding
Member Name:	Wilson, Frederica S.(D-FL)	Member's Request: (in thousands, \$000)	\$400
Justification:	The purpose of this request is to provide equipment and instrumentation, as well as personnel to train students in STEM-based laboratories and hands-on research, which would translate to an increase in persistence, retention, and graduation of students who would then either enter the workforce or enter graduate/professional programs in STEM disciplines. FMU's HNS has forged and will continue to forge relationships with the surrounding community. The relationships can be strengthened if a significant amount of time and money is provided to create a culture of STEM education in the surrounding communities.		
Project Purpose:	<p>All STEM/Health and Natural Sciences (HNS) students should have access to a robust science, technology, engineering, and mathematics (STEM) education at Florida Memorial University (FMU). This is a goal in which equitable educational opportunities must be provided for all students to succeed as they matriculate through FMU, into STEM careers, and become a global citizen in their professional and private life as they contribute to society in a positive and meaningful manner. To further the goal of high-quality STEM education for all, FMU's HNS seeks financial aid in an effort to train students in the use of modern research-based methods and use of technologies that shall make them competitive upon graduation or well-trained to enter successfully STEM graduate disciplines. Therefore, the purpose of this prospectus is to inform granting agencies of the need for funds to support innovative, equity-focused STEM education strategies via obtaining instrumentation to improve hands-on research, the use of modern equipment, and project-based learning. In order to help FMU increase the competitiveness of its STEM graduates in either the workforce or in STEM graduate disciplines, the funding agencies can help support our efforts to improve STEM (practical) instruction and research, which would increase student outcomes in STEM fields, mainly by increasing persistence, retention, and graduation rates, as well as increased entry as qualified workers into the diverse and ever-growing STEM workforce.</p> <p>Florida Memorial University requests \$400,000 in order to support students and faculty to attain quality training through the procurement of up-to-date equipment and instrumentation, as well as providing basic equipment to run undergraduate laboratories and help students develop critical thinking skills through early exposure to hands-on research.</p>		
Project City or County:	Miami Gardens	Project State:	FL
Recipient Name:	Florida Memorial University	Recipient Mailing Address:	15800 NW 42nd Ave, Miami Gardens, Florida 33054



June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Florida Memorial University Department of Natural Sciences STEM Equipment in fiscal year 2022. The entity to receive funding for this project is Florida Memorial University located at 15800 NW 42nd Ave, Miami Gardens, Florida 33054.

The funding would be used to provide STEM/Health and Natural Sciences (HNS) students should with access to a robust science, technology, engineering, and mathematics (STEM) education at Florida Memorial University (FMU). This is a goal in which equitable educational opportunities must be provided for all students to succeed as they matriculate through FMU, into STEM careers, and become a global citizen in their professional and private life as they contribute to society in a positive and meaningful manner. To further the goal of high-quality STEM education for all, FMU's HNS seeks financial aid in an effort to train students in the use of modern research-based methods and use of technologies that shall make them competitive upon graduation or well-trained to enter successfully STEM graduate disciplines. Therefore, the purpose of this prospectus is to inform granting agencies of the need for funds to support innovative, equity-focused STEM education strategies via obtaining instrumentation to improve hands-on research, the use of modern equipment, and project-based learning. In order to help FMU increase the competitiveness of its STEM graduates in either the workforce or in STEM graduate disciplines, the funding agencies can help support our efforts to improve STEM (practical) instruction and research, which would increase student outcomes in STEM fields, mainly by increasing persistence, retention, and graduation rates, as well as increased entry as qualified workers into the diverse and ever-growing STEM workforce.

Florida Memorial University requests \$400,000 in order to support students and faculty to attain quality training through the procurement of up-to-date equipment and instrumentation, as well as



providing basic equipment to run undergraduate laboratories and help students develop critical thinking skills through early exposure to hands-on research.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Frederica S. Wilson". The signature is written in a cursive, flowing style.

Frederica S. Wilson  
Member of Congress

**Request ID: 74**

<b>Project Name:</b>	Additive Manufacturing and Ultra-High Performance Concrete	<b>Request Nature:</b>	Community Project Funding
<b>Member Name:</b>	Wilson, Frederica S.(D-FL)	<b>Member's Request: (in thousands, \$000)</b>	\$10,000
<b>Justification:</b>	<p>Fortifying our country's military installations must be a top priority as extreme events and shifts in environmental conditions pose real threats to military readiness and response capabilities. FIU is a leader in developing resilient building and related technologies as shown by its own federally designated research centers that provide solutions to government and industry problems from wind, storm surge, and rising sea level impacts on housing, infrastructure, and transportation systems. An important aspect of FIU's leadership is the development of technologies that can upgrade existing deficient infrastructure, at a fraction of time needed and at less than 10 percent cost of completely replacing them.</p> <p>Researchers at FIU are developing advanced additive manufacturing (3D Printing) methods and equipment, with focus on the construction industry. The 3D printing techniques are being used to construct innovative bridge systems and housing components in manners that minimize the traffic interruption and enhances the public and consumer safety. In particular, customized 3D printers are developed that allows use of advanced materials, such as Ultra High-Performance Concrete (UHPC) in bridge construction.</p> <p>In particular, customized 3D printers have been developed that allow use of advanced materials, such as Ultra High-Performance Concrete (UHPC) in bridge construction. These techniques utilize several technologies, including shotcrete, where advanced materials are sprayed at high pressure and deposited on horizontal, vertical or any sloped surfaces, strengthening and making them last longer. This approach eliminates the need for having heavy construction equipment onsite and further, result in infrastructure that poses properties and characteristics that are even better than these infrastructures at their original conditions. The address the concern for relatively high cost of the material, non-proprietary UHPC mixes are developed that cost about 30 percent of the proprietary versions of currently available proprietary UHPX mixes. The non-proprietary UHPC mixes developed have same properties and performances as their proprietary counterpart.</p> <p>Improving and assuring the Nation's military readiness to respond to all risks and threats is an appropriate use of taxpayer resources. This request will focus on developing and testing resilient infrastructure and related systems that the military would use to create resilient and sustainable installations, including base housing for its personnel and their families. Additionally, the program will help develop pipelines of undergraduate talent from Miami, Florida's HBCU into the graduate programs at the community's Hispanic-Serving Institution, Florida International University.</p>		
<b>Project Purpose:</b>	<p>By accelerating Additive Manufacturing, Engineering and related solutions for aging infrastructure and vulnerable installations, the Department of Defense can ensure that installations are defense-ready and meeting the needs of our troops.</p> <ul style="list-style-type: none"> <li>o Additive Manufacturing's (AM) ability to produce customized lightweight materials and parts is already enabling the creation of new military technologies that significantly strengthen U.S. defensive capabilities.</li> <li>o The need exists to accelerate the development of advanced additive manufacturing (3D Printing) methods and equipment, with focus on the built defense environment. 3D printing techniques are being used to construct innovative bridge systems and housing components in manners that minimize the traffic interruption and enhances the public and consumer safety and hold the promise to effectively meet a great need for DOD.</li> <li>o This would also address the need for resilient structures with shifting threats to our climate, as analyzed in the 2016 Report "Regional Sea Level Scenarios for Coastal Risk Management, prepared by the Coastal Assessment Regional Scenario Working Group.</li> </ul>		
<b>Project City or County:</b>	Miami-Dade	<b>Project State:</b>	FL
<b>Recipient Name:</b>	Florida International University	<b>Recipient Mailing Address:</b>	11200 SW 8 Street Miami, FL 33199



June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Additive Manufacturing and Ultra-High Performance Concrete in fiscal year 2022. The entity to receive funding for this project is Florida International University located at 11200 SW 8 Street Miami, FL 33199.

The funding would be used to accelerate Additive Manufacturing, Engineering and related solutions for aging infrastructure and vulnerable installations, the Department of Defense can ensure that installations are defense-ready and meeting the needs of our troops.

- Additive Manufacturing's (AM) ability to produce customized lightweight materials and parts is already enabling the creation of new military technologies that significantly strengthen U.S. defensive capabilities.
- The need exists to accelerate the development of advanced additive manufacturing (3D Printing) methods and equipment, with focus on the built defense environment. 3D printing techniques are being used to construct innovative bridge systems and housing components in manners that minimize the traffic interruption and enhances the public and consumer safety and hold the promise to effectively meet a great need for DOD.
- This would also address the need for resilient structures with shifting threats to our climate, as analyzed in the 2016 Report "Regional Sea Level Scenarios for Coastal Risk Management, prepared by the Coastal Assessment Regional Scenario Working Group.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Frederica S. Wilson". The script is cursive and fluid, with the first name "Frederica" being more prominent than the last name "Wilson".

Frederica S. Wilson  
Member of Congress

Request ID: 73			
Project Name:	Future Nano- and Micro-Fabrication - Advanced Materials Engineering Research Institute	Request Nature:	Community Project Funding
Member Name:	Wilson, Frederica S.(D-FL)	Member's Request: (in thousands, \$000)	\$6,800
Justification:	This project will help moving innovations out of the university and into the marketplace and will ensure that America remains the technologically preeminent nation. Additionally, this project will help develop pipelines of undergraduate talent from Miami, Florida's HBCU into the graduate programs at the community's Hispanic-Serving Institution, Florida International University.		
Project Purpose:	<p>Future research and training of our students will require more prevalent and standard use of nano and microfabrication equipment across all areas of manufacturing, including additive and hybrid manufacturing. Such equipment will enable the development of nano and micro satellites, smaller UAV platforms, future high data rate secure communication links, including 5G and space borne platforms, quantum computing materials and communications, smart materials, and nano composites with novel multi-functionalities needed for ubiquitous sensing, imaging, healthcare, infrastructure and security assessments, advanced manufacturing of future electronics and data gathering devices, agricultural and environment support, and space missions, to mention a few. This will help moving innovations out of the university and into the marketplace and will ensure that America remains the technologically preeminent nation. Specifically, this project will benefit research in:</p> <ul style="list-style-type: none"> <li>• 5G/6G devices, nano and micro satellites, and manufacturing automation</li> <li>• Metal 3D printed circuits for antenna, wearable electronics, and biomedical devices</li> <li>• Compact, high performance, real-time millimeter wave camera system for airport and public area security</li> <li>• Non-fossil fuel energy materials and devices</li> <li>• Quantum computing materials</li> </ul>		
Project City or County:	Miami-Dade County	Project State:	FL
Recipient Name:	Florida International University	Recipient Mailing Address:	11200 SW 8 Street Miami, FL 33199



June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Future Nano- and Micro-Fabrication - Advanced Materials Engineering Research Institute in fiscal year 2022. The entity to receive funding for this project is Florida International University located at 11200 SW 8 Street Miami, FL 33199.

The funding would be used for future research and training of FIU's students. The research and training will require more prevalent and standard use of nano and microfabrication equipment across all areas of manufacturing, including additive and hybrid manufacturing. Such equipment will enable the development of nano and micro satellites, smaller UAV platforms, future high data rate secure communication links, including 5G and space borne platforms, quantum computing materials and communications, smart materials, and nano composites with novel multi-functionalities needed for ubiquitous sensing, imaging, healthcare, infrastructure and security assessments, advanced manufacturing of future electronics and data gathering devices, agricultural and environment support, and space missions, to mention a few. This will help moving innovations out of the university and into the marketplace and will ensure that America remains the technologically preeminent nation. Specifically, this project will benefit research in:

- 5G/6G devices, nano and micro satellites, and manufacturing automation
- Metal 3D printed circuits for antenna, wearable electronics, and biomedical devices
- Compact, high performance, real-time millimeter wave camera system for airport and public area security
- Non-fossil fuel energy materials and devices
- Quantum computing materials

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Frederica S. Wilson". The script is cursive and fluid, with the first name "Frederica" being more prominent than the last name "Wilson".

Frederica S. Wilson  
Member of Congress



**Request ID: 72**

Project Name:	Cold Spray and Rapid Deposition Lab	Request Nature:	Community Project Funding
Member Name:	Wilson, Frederica S.(D-FL)	Member's Request: (in thousands, \$000)	\$1,300
Justification:	<p>South Florida is known as the birthplace of commercial aviation and a major hub for Maintenance, repair and operations (MRO) industry. Manufacturing and repairing structural components is the most important branch of cold spray technology. Being close to the end market, ColRAD provides great opportunities in communicating between university researchers and end-market users. It can also offer essential trainings and job opportunities to local students and technicians. This program will help develop pipelines of undergraduate talent from Miami, Florida's HBCU into the graduate programs at the community's Hispanic-Serving Institution, Florida International University.</p> <ul style="list-style-type: none"> <li>• FIU, CEC and PI Agarwal's lab offers several summer internships to K-12 students and teachers to promote STEM as a future career. ColRAD is a great addition to this effort by showcasing the state-of-art cold spray and rapid deposition facilities and inspiring young minds in Miami area to become future engineers and scientists of the USA. The training of high school teachers in ColRAD will lead to "training of trainers" as teachers have maximum influence on students. FIU's College of Engineering and Computing starts hosting a pioneer annual event, "Engineering Expo", that attract thousands of K-12 students from the community to FIU campus and expose them to the cutting-edge research and advancements in STEM. ColRAD will be a centerpiece of Engineering Expo.</li> <li>• FIU PI Agarwal is working with Miami Dade Police Officer (who is also an adjunct faculty at FIU) to develop bullet resistant protective coatings for armor for security personnel and schools. ColRAD is developing those advanced materials and coatings.</li> <li>• American Welding Society (AWS) is a non-profit organization with over 100 years history. It is headquartered in Doral, FL., 5 miles from FIU! AWS serves over 70,000 members worldwide includes welder, business leaders, sale and service teams, education institution and students. AWS has shown great interests in collaborating with local institutions. Dr. Arvind Agarwal and his Plasma Forming Laboratory have previously collaborated with AWS and featured in their quarterly publication "Spray Time". Dr. Agarwal received multiple inquires and interests after the magazine is published and led to further research collaborations and grant opportunities. One major component of ColRAD efforts is to integrate modern computer-aided robotic programming into conventional manufacturing techniques, such as welding and spraying, and develop advanced manufacturing to meet the needs of modern manufacturing: faster and greener. ColRAD and AWS plans to form a strong workforce in introducing such technologies to the local communities through various workshop, seminars, and conferences. In the meantime, our own highly trained students and technicians can be advocated to the globe industries through network of AWS. ColRAD is working with FIU alumni in NASA to develop protective coatings for the next lunar mission Artemis.</li> </ul>		
Project Purpose:	<p>The purpose of the project is to build a state-of-the-art advanced manufacturing laboratory based on Cold Spray and Rapid Deposition Techniques that will advance Army Technologies and fundamental science and research. The development of high deposition structural alloys and novel additive manufacturing processing techniques from computational models is essential toward the prediction of material properties and the implementation of new structural alloys into Army weapons systems. The shift of manufacturing from the United States to China and India is a leading threat to the U.S. military advantage, according to the Defense Science Board in its "Technology and Innovation Enablers for Superiority in 2030" report. The transfer of manufacturing to foreign nations also affects U.S. technology leadership by enabling adversaries to learn a technology and then gain the capability to improve on it. An additional threat to defense capabilities from offshore manufacturing is the potential for compromise of the supply chain for key weapons systems components. The rise of technically and economically strong foreign adversaries will challenge U.S. superiority in speed, stealth and the precision of weapons systems. Other countries are likely to develop counters to some or all of the foundation technologies on which the U.S. has come to rely.</p>		
Project City or County:	Miami-Dade County	Project State:	FL
Recipient Name:	Florida International University	Recipient Mailing Address:	11200 SW 8 Street Miami, FL 33199



June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Cold Spray and Rapid Deposition Lab in fiscal year 2022. The entity to receive funding for this project is Florida International University located at 11200 SW 8 Street Miami, FL 33199.

The funding would be used to build a state-of-the-art advanced manufacturing laboratory based on Cold Spray and Rapid Deposition Techniques that will advance Army Technologies and fundamental science and research. The development of high deposition structural alloys and novel additive manufacturing processing techniques from computational models is essential toward the prediction of material properties and the implementation of new structural alloys into Army weapons systems. The shift of manufacturing from the United States to China and India is a leading threat to the U.S. military advantage, according to the Defense Science Board in its "Technology and Innovation Enablers for Superiority in 2030" report. The transfer of manufacturing to foreign nations also affects U.S. technology leadership by enabling adversaries to learn a technology and then gain the capability to improve on it. An additional threat to defense capabilities from offshore manufacturing is the potential for compromise of the supply chain for key weapons systems components. The rise of technically and economically strong foreign adversaries will challenge U.S. superiority in speed, stealth and the precision of weapons systems. Other countries are likely to develop counters to some or all of the foundation technologies on which the U.S. has come to rely.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Frederica S. Wilson". The script is cursive and fluid, with the first name "Frederica" being more prominent than the last name "Wilson".

Frederica S. Wilson  
Member of Congress

Request ID: 104			
Project Name:	Neural-enabled Prosthetics: Virtual and Remote Reality	Request Nature:	Community Project Funding
Member Name:	Wilson, Frederica S.(D-FL)	Member's Request: (in thousands, \$000)	\$3,000
Justification:	<p>This request will allow FIU to support the Department of Defense's mission in meeting the needs and improving the quality of life of our servicemembers. Our researchers are leaders in this space and have been successful in restoring sensation and activation of the nervous system. Beyond the 1.5 million veterans in the South Florida community and nearly 20 million veterans nationwide, this request will also benefit thousands more Americans impacted by limb loss. Restoring sensation will mean a better of quality of life for all amputees. Additionally, this project will develop pipelines of undergraduate talent from Miami, Florida's HBCU into the graduate programs at the community's Hispanic-Serving Institution, Florida International University.</p>		
Project Purpose:	<p>When we interact in a virtual environment with people or machines, we only have visual interaction. What if we could feel people and objects as we interact with them in virtual or remote environments? This project will develop wearable soft-robotic technology and advancements to our patent-pending system for non-invasive electrical stimulation of peripheral-nerves to provide intuitive haptic feedback during manipulation and interactions within virtual, augmented, remote, and real-world environments. Without the cumbersome restrictions of traditional haptic hardware, the human-machine interaction offered by our advanced technologies will allow vastly improved social interactions within virtual worlds, realistic human-machine interactions in gaming, training and readiness of soldiers for remote control of unmanned aerial and terrestrial vehicles designed to minimize risk to civilian and military personnel during unsafe activities such as emergency rescue and firefighting missions or transportation and disposal of explosives or dangerous substances, and for robotic surgical procedures and rehabilitation training after neurological trauma. Specific, project objections include:</p> <ul style="list-style-type: none"> <li>• Delivering haptic feedback for teleoperation of complex surgical robotic devices, as well as remote control of unmanned aerial and terrestrial vehicles designed to minimize risk to civilian and military personnel during unsafe activities from emergency rescue, and firefighting missions, to transport and disposal of explosives or dangerous substances.</li> <li>• For individuals with amputation, replacement haptic feedback in accordance with the stimulation technology could be implemented in training environments to help improve the functionality of prosthetic limbs, enabling them to classify the physical properties of different objects, and perform fine control of grasp force outputs without the need for visual or auditory feedback.</li> <li>• Creating enhanced situational awareness of soldiers operating in the battlefield.</li> </ul>		
Project City or County:	Miami-Dade	Project State:	FL
Recipient Name:	Florida International University	Recipient Mailing Address:	11200 SW 8 Street Miami, FL 33199



June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Neural-enabled Prosthetics: Virtual and Remote Reality in fiscal year 2022. The entity to receive funding for this project is Florida International University located at 11200 SW 8 Street Miami, FL 33199.

The funding would be used for neural-enabled prosthetics. When we interact in a virtual environment with people or machines, we only have visual interaction. What if we could feel people and objects as we interact with them in virtual or remote environments? This project will develop wearable soft-robotic technology and advancements to our patent-pending system for non-invasive electrical stimulation of peripheral-nerves to provide intuitive haptic feedback during manipulation and interactions within virtual, augmented, remote, and real-world environments. Without the cumbersome restrictions of traditional haptic hardware, the human-machine interaction offered by our advanced technologies will allow vastly improved social interactions within virtual worlds, realistic human-machine interactions in gaming, training and readiness of soldiers for remote control of unmanned aerial and terrestrial vehicles designed to minimize risk to civilian and military personnel during unsafe activities such as emergency rescue and firefighting missions or transportation and disposal of explosives or dangerous substances, and for robotic surgical procedures and rehabilitation training after neurological trauma. Specific, project objections include:

- Delivering haptic feedback for teleoperation of complex surgical robotic devices, as well as remote control of unmanned aerial and terrestrial vehicles designed to minimize risk to civilian and military personnel during unsafe activities from emergency rescue, and firefighting missions, to transport and disposal of explosives or dangerous substances.

- For individuals with amputation, replacement haptic feedback in accordance with the stimulation technology could be implemented in training environments to help improve the functionality of prosthetic limbs, enabling them to classify the physical properties of different objects, and perform fine control of grasp force outputs without the need for visual or auditory feedback.
- Creating enhanced situational awareness of soldiers operating in the battlefield.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,



Frederica S. Wilson  
Member of Congress

**Request ID: 71**

Project Name:	SOUTHCOM Enhanced Domain Awareness (EDA) Initiative	Request Nature:	Community Project Funding
Member Name:	Wilson, Frederica S.(D-FL)	Member's Request: (in thousands, \$000)	\$1,300
Justification:	<p>Launching a Central American Open Source Research Initiative/Coalition (CAOSRI) will complement current USG research capacity and provide U.S. leaders with innovative, unique, real-time analysis that helps advance the important goals of: promoting prosperity; enhancing security; reducing crime and gang activity; and improving governance. Specifically, such an initiative could:</p> <ul style="list-style-type: none"> <li>• Establish a secure, virtual technology platform that facilitates information sharing.</li> <li>• Foster analytic exchanges between U.S. and Latin America stakeholders.</li> <li>• Create a shared understanding of critical security challenges facing Latin America.</li> <li>• Enhance U.S. and Latin American research and analytic capacities.</li> <li>• Cultivating future U.S. and Latin American national security workforces.</li> <li>• A community of thinking to promote a political culture that demands security and commitment to democracy from the institutions.</li> <li>• Standardized indicators and research capability that serve to monitor security and the administration of justice in the region.</li> <li>• Capability to monitor disinformation as it relates to USG objectives in the region.</li> <li>• Thought and practice partners to aid the Department of Defense in incubating and testing advancements.</li> <li>• Develop pipelines of undergraduate talent from Miami, Florida's HBCU into the graduate programs at the community's Hispanic-Serving Institution, Florida International University.</li> </ul>		
Project Purpose:	<p>The Enhanced Domain Awareness (EDA) Initiative takes a whole of hemisphere approach, bringing together the best from across academia, government, civil society, think tanks, private sector, and multi-lateral organizations, to provide data and analytic power to support U.S. Department of Defense and partner nation decision makers with real time information and analysis. In addition to providing immediate access to a network of non-U.S. Department of Defense stakeholders, this project provides a repository of collected data, analytic tools, research, training and education, and a collaborative community that DOD can tap into for quick answers to decision-maker inquiries in areas including transnational organized crime, statistical analysis, critical infrastructure and resources, energy, environment, tropical diseases, national security, disaster risk management and much more. Specifically, this initiative will:</p> <ul style="list-style-type: none"> <li>• Provide the department with an independent, unbiased, research partner to analyze the impact of security challenges/investments in Latin America and the Caribbean.</li> <li>• Enhance U.S. and Latin American research and analytic capacities.</li> <li>• Establish a secure, virtual technology platform that facilitates information sharing.</li> <li>• Foster analytic exchanges between U.S. and Latin American stakeholders.</li> <li>• Create a shared understanding of critical security challenges facing Latin America.</li> <li>• Cultivate future national security workforces.</li> </ul>		
Project City or County:	Miami-Dade County	Project State:	FL
Recipient Name:	Florida International University	Recipient Mailing Address:	11200 SW 8 Street Miami, FL 33199





June 15, 2021

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for SOUTHCOM Enhanced Domain Awareness (EDA) Initiative in fiscal year 2022. The entity to receive funding for this project is Florida International University located at 11200 SW 8 Street Miami, FL 33199.

The funding would be used for the Enhanced Domain Awareness (EDA) Initiative. EDA takes a whole of hemisphere approach, bringing together the best from across academia, government, civil society, think tanks, private sector, and multi-lateral organizations, to provide data and analytic power to support U.S. Department of Defense and partner nation decision makers with real time information and analysis. In addition to providing immediate access to a network of non-U.S. Department of Defense stakeholders, this project provides a repository of collected data, analytic tools, research, training and education, and a collaborative community that DOD can tap into for quick answers to decision-maker inquiries in areas including transnational organized crime, statistical analysis, critical infrastructure and resources, energy, environment, tropical diseases, national security, disaster risk management and much more.

Specifically, this initiative will:

- Provide the department with an independent, unbiased, research partner to analyze the impact of security challenges/investments in Latin America and the Caribbean.
- Enhance U.S. and Latin American research and analytic capacities.
- Establish a secure, virtual technology platform that facilitates information sharing.
- Foster analytic exchanges between U.S. and Latin American stakeholders.
- Create a shared understanding of critical security challenges facing Latin America.
- Cultivate future national security workforces.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Frederica S. Wilson". The script is cursive and fluid, with the first name "Frederica" being more prominent than the last name "Wilson".

Frederica S. Wilson  
Member of Congress

**Request ID: 76**

Project Name:	Suicide Prevention with Focus on Rural, Remote, Isolated, and OCONUS Installations	Request Nature:	Community Project Funding
Member Name:	Young, Don(R-AK)	Member's Request: (in thousands, \$000)	\$2,000
Justification:	Suicide rates among active duty service members have been on the incline for the past five years. The rates of suicide in the military reached a national high in 2019 and continue to rise with active duty suicide rate being 25.9 per 100,000 persons, up from 21.9 in 2017. Regrettably, suicide rates continued to rise in 2020. The U.S. Army alone has experienced a 30% increase in suicide deaths this past year. In Alaska, suicide in the military is a public health crisis impacting most heavily on rural stationed, young active duty, enlisted men between the ages of 18-34. While suicide prevention programs have become ubiquitous among military units, there have been virtually no studies undertaken to establish the effectiveness of these approaches or understand how service members consider suicide behaviors.		
Project Purpose:	The project would conduct research to promote resilience and reduce suicide in active and active reserve military service members on rural, remote, isolated, and OCONUS installations.		
Project City or County:	Fairbanks	Project State:	AK
Recipient Name:	University of Alaska Fairbanks	Recipient Mailing Address:	2025 Yukon Drive Fairbanks, AK 99775

**DON YOUNG**  
CONGRESSMAN FOR ALL ALASKA  
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June 15, 2021

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Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Suicide Prevention with Focus on Rural, Remote, Isolated, and OCONUS installations in Fiscal Year 2022. The entity to receive funding for this project is the University of Alaska Fairbanks, located at 505 South Chandalar Drive, Fairbanks, AK 99775.

The funding would be used to conduct research to promote resilience and reduce suicide in active and active reserve military service members on rural, remote, isolated, and OCONUS installations. Suicide rates among active duty service members have been on the incline for the past five years. The rates of suicide in the military reached a national high in 2019 and continue to rise with active duty suicide rate being 25.9 per 100,000 persons, up from 21.9 in 2017. Regrettably, suicide rates continue to rise in 2020. The U.S. Army alone has experienced a 30% increase in suicide deaths this past year. In Alaska, suicide in the military is a public health crisis impacting most heavily on rural stationed, young active duty, enlisted men between the ages of 18-34. While suicide prevention programs have become ubiquitous among military units, there have been virtually no studies undertaken to establish the effectiveness of these approaches or understand how service members consider suicide behaviors.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Don Young".

Don Young  
Member of Congress

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[HTTP://DONYOUNG.HOUSE.GOV](http://donyoung.house.gov)

471 W 36TH AVENUE  
SUITE 201  
ANCHORAGE, ALASKA 99503  
907-271-5978

100 CUSHMAN STREET, SUITE 307  
P.O. BOX 73110  
FAIRBANKS, ALASKA 99707  
907-456-0210

CALL TOLL-FREE  
1-866-990-5979

**Request ID: 78**

Project Name:	National Guard Readiness Center	Request Nature:	Community Project Funding
Member Name:	Young, Don(R-AK)	Member's Request: (in thousands, \$000)	\$56,000
Justification:	Units do not currently have the amount of space and facilities necessary to effectively train and conduct the missions that they are authorized.		
Project Purpose:	This project would construct a National Guard Readiness Center in Camp Carroll on Joint Base Elmendorf Richardson (JBER). This project would provide additional facilities necessary to train soldiers, maintain equipment, and allow units to prepare and conduct state and federal missions.		
Project City or County:	Joint Base Elmendorf Richardson (JBER)	Project State:	AK
Recipient Name:	Joint Base Elmendorf Richardson	Recipient Mailing Address:	Alaska National Guard PO Box 5800 JBER, AK 99505

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June 15, 2021

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The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding to construct a National Guard Readiness Center in Fiscal Year 2022. The entity to receive funding for this project is the Alaska National Guard, located at PO Box 5800, JBER, AK 99505.

The funding would be used to construct a National Guard Readiness Center in Camp Carroll on Joint Base Elmendorf Richardson (JBER). This project would provide additional facilities necessary to train soldiers, maintain equipment, and allow units to prepare and conduct state and federal missions. Units do not currently have the amount of space and facilities necessary to effectively train and conduct the missions that they are authorized.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Don Young".

Don Young  
Member of Congress

VISIT OUR WEBSITE  
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907-456-0210

CALL TOLL-FREE  
1-866-990-5979

**Request ID: 93**

Project Name:	Tactically Responsive Launch/Deployable Spaceport	Request Nature:	Community Project Funding
Member Name:	Young, Don(R-AK)	Member's Request: (in thousands, \$000)	\$13,400
Justification:	PSCA is currently using capabilities historically funded in this PE to conduct testing of US Army's top modernization priority of long-range precision fires. PSCA also conducted the 2020 DARPA Launch Challenge, which tested CONOPS for DoD responsive and agile access to space from commercial launch providers. DARPA also funded PSCA to study tactically responsive launch, through use of deployable spaceports.		
Project Purpose:	This project complements over five years of USSF and USAF funding in this PE for the Pacific Spaceport Complex-Alaska's (PSCA) spaceport enhancements to support National Security Space Launch. To build upon existing funded enhancements, PSCA would be able to design, procure, and exercise mobile and deployable spaceport capabilities for military launch. This would enable creation of CONOPS for tactically responsive space operations for USSF and the DoD launch and test enterprise. As stated in the USSF SPACEPOWER Doctrine, "during conflict, space launch must be dynamic and responsive, providing the ability to augment or reconstitute capability from multiple locations."		
Project City or County:	Anchorage	Project State:	AK
Recipient Name:	Alaska Aerospace Corporation - State of Alaska	Recipient Mailing Address:	4300 B Street #101 Anchorage, AK 99503.



**DON YOUNG**  
CONGRESSMAN FOR ALL ALASKA  
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House of Representatives  
Washington, D.C. 20515

June 15, 2021

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The Honorable Adam Smith  
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U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Tactically Responsive Launch/Deployable Spaceport in Fiscal Year 2022. The entity to receive funding for this project is the Alaska Aerospace Corporation/Pacific Spaceport Complex Alaska, headquartered at 4300 B Street #101, Anchorage, AK 99503. The Alaska Aerospace Corporation was established by and is owned by the State of Alaska.

This project complements over five years of USSF and USAF funding in this PE for the Pacific Spaceport Complex-Alaska's (PSCA) spaceport enhancements to support National Security Space Launch. To build upon existing funded enhancements, PSCA would be able to design, procure, and exercise mobile and deployable spaceport capabilities for military launch. This would enable creation of CONOPS for tactically responsive space operations for USSF and the DoD launch and test enterprise. As stated in the USSF SPACEPOWER Doctrine, "during conflict, space launch must be dynamic and responsive, providing the ability to augment or reconstitute capability from multiple locations."

PSCA is currently using capabilities historically funded in this PE to conduct testing of US Army's top modernization priority of long-range precision fires. PSCA also conducted the 2020 DARPA Launch Challenge, which tested CONOPS for DoD responsive and agile access to space from commercial launch providers. DARPA also funded PSCA to study tactically responsive launch, through use of deployable spaceports.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Don Young  
Member of Congress

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[HTTP://DONYOUNG.HOUSE.GOV](http://donyoung.house.gov)

471 W 36TH AVENUE  
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907-456-0210

CALL TOLL-FREE  
1-866-990-5979

**Request ID: 95**

Project Name:	Small Rocket Program	Request Nature:	Community Project Funding
Member Name:	Young, Don(R-AK)	Member's Request: (in thousands, \$000)	\$8,500
Justification:	The existing competitively awarded SRP-4 contract Ruby Red is the first in a series of flight demonstrations requiring the attributes of the Pacific Spaceport Complex – Alaska.		
Project Purpose:	To continue the USSF Rocket Systems Launch Program’s on-going Ruby Red SRP-4 contract for enhanced flight and logistic planning.		
Project City or County:	Anchorage	Project State:	AK
Recipient Name:	Alaska Aerospace Corporation - State of Alaska	Recipient Mailing Address:	4300 B Street #101 Anchorage, AK 99503.

**DON YOUNG**  
CONGRESSMAN FOR ALL ALASKA  
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June 15, 2021

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U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Small Rocket Program – 4 (SRP-4) Contract for existing flight and logistics planning missions in Fiscal Year 2022. The entity to receive funding for this project is the Alaska Aerospace Corporation/Pacific Spaceport Complex Alaska, headquartered at 4300 B Street #101, Anchorage, AK 99503. The Alaska Aerospace Corporation was established by and is owned by the State of Alaska.

The funding would be used to continue the USSF Rocket Systems Launch Program's ongoing Ruby Red SRP-4 contract for enhanced flight and logistic planning the existing competitively awarded SRP-4 contract Ruby Red is the first in a series of flight demonstrations requiring the attributes of the Pacific Spaceport Complex – Alaska.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Don Young".

Don Young  
Member of Congress

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907-456-0210

CALL TOLL-FREE  
1-866-990-5979

**Request ID: 80**

Project Name:	Military Operations in a Permafrost Environment	Request Nature:	Community Project Funding
Member Name:	Young, Don(R-AK)	Member's Request: (in thousands, \$000)	\$3,000
Justification:	As international near-peers, including China and Russia, demonstrate increased interest in Arctic and sub-Arctic resources and in increasing their Arctic presence, our national and DoD strategies for the Arctic have become more prominent and urgent. Upgrading to state-of-the-art research capabilities in the permafrost complex is critical to achieving this National and DoD vision for a sustainable Arctic and well-defended homeland security interests.		
Project Purpose:	The funding would be used for research that would result in the completion of the final phase of a multi-year modernization of the U.S. Army Corps of Engineers Permafrost Research Station, located in the vicinity of Fairbanks, AK. CRREL's permafrost tunnel serves as a critical 3D test bed for a wide variety of permafrost engineering challenges through all phases of infrastructure planning and construction, from rapid remote/aerial surveying, to innovative construction techniques, to retrofitting of existing vertical and horizontal infrastructure, to better handle permafrost thaw, and other related challenges.		
Project City or County:	Fort Wainwright	Project State:	AK
Recipient Name:	US Army Corps of Engineers - CRREL	Recipient Mailing Address:	2126 Steese Hwy Ft. Wainwright, AK 99712

**DON YOUNG**  
CONGRESSMAN FOR ALL ALASKA  
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Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Small Rocket Program – 4 (SRP-4) Contract for existing flight and logistics planning missions in Fiscal Year 2022. The entity to receive funding for this project is the Alaska Aerospace Corporation/Pacific Spaceport Complex Alaska, headquartered at 4300 B Street #101, Anchorage, AK 99503. The Alaska Aerospace Corporation was established by and is owned by the State of Alaska.

The funding would be used to continue the USSF Rocket Systems Launch Program's ongoing Ruby Red SRP-4 contract for enhanced flight and logistic planning the existing competitively awarded SRP-4 contract Ruby Red is the first in a series of flight demonstrations requiring the attributes of the Pacific Spaceport Complex – Alaska.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Don Young".

Don Young  
Member of Congress

VISIT OUR WEBSITE  
[HTTP://DONYOUNG.HOUSE.GOV](http://donyoung.house.gov)

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